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Date: January 5, 2010

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
November 2009 Monthly Report**

This November 2009 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area (LWMA). Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

Glass pie pans have been in place since August 15, 2008 at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. Another set of samples was collected between July 11 and September 18, 2009. At Opportunity, the preliminary calculated arsenic concentration was 182 mg/kg, and the lead concentration was approximately 134 mg/kg. This is consistent with previous settled dust analyses. At Warm Springs, the approximate concentrations were 52.4 mg/kg for arsenic and 59.2 mg/kg for lead. Detailed results are attached to the end of this report.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from November 1st through November 30th, with 99.0% availability for TSP at the Opportunity location and 99.4% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on November 13 at 16:00 MST, on November 23 at 13:00 MST, on November 27 from 11:00 MST through 12:00 MST, and on November 30 at 16:00 MST for routine maintenance.
 - The following PM10 data period for the Opportunity location was excluded from analysis because instrument readings may have been impacted by snow events: On November 12 at 00:00 MST and 13:00 MST.
 - Downtime at the Warm Springs location occurred on November 23 at 14:00 MST, on November 27 from 12:00 MST through 13:00 MST, and on November 30 at 15:00 MST for routine maintenance.

- The hourly average data record for the month is attached to the end of this report. Current data is available for real-time electronic download on demand, and public viewing at: <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- Monthly and quarterly air monitoring reports from June 2007 through present are now available on the County's website at: http://anacondadeerlodge.mt.gov/super/info.aspx?q_reports.
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was $21 \mu\text{g}/\text{m}^3$, and the average monthly concentration was $8 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $240 \mu\text{g}/\text{m}^3$. This value was associated with moderate southwest winds, indicating that the Lower Waste Management Area (LWMA) was not a contributing source. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was $10 \mu\text{g}/\text{m}^3$, and the average monthly concentration was $4 \mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was $55 \mu\text{g}/\text{m}^3$. This value was associated with moderately strong west winds, indicating that the LWMA was probably not a contributing source. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, November 2009

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	21	11/20/2009	6.4	152
Daily 2nd Max	16	11/21/2009	7.1	252
Daily 3rd Max	14	11/6/2009	7.6	251
Daily 4th Max	13	11/2/2009	3.6	191
Hourly 1st Max	240	11/21/2009 01:00	8.3	225
Hourly 2nd Max	98	11/6/2009 06:00	14.5	237
Hourly 3rd Max	76	11/6/2009 07:00	13.9	236
Hourly 4th Max	72	11/18/2009 11:00	10.7	28

Table 2
Warm Springs Site PM10 Maximum Data, November 2009

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	10	11/4/2009	2.8	4
Daily 2nd Max	7	11/11/2009	4.6	187
Daily 3rd Max	7	11/3/2009	2.7	28
Daily 4th Max	6	11/6/2009	8.5	239
Hourly 1st Max	55	11/23/2009 11:00	12.1	261
Hourly 2nd Max	39	11/6/2009 06:00	13.0	222
Hourly 3rd Max	36	11/21/2009 01:00	8.3	209
Hourly 4th Max	27	11/2/2009 18:00	5.1	310

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was $75 \mu\text{g}/\text{m}^3$, the 24-hour standard was $200 \mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for November at Opportunity were well below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of November were well below the 24-hour Montana Ambient Air Quality Standard of $150 \mu\text{g}/\text{m}^3$. The average monthly concentration was below the annual PM10 standard of $50 \mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was well below average based on weather records for the Butte airport.
- Wind roses are attached to graphically depict prevailing winds. November was unusual compared to prior months, as northerly winds were very infrequent at both monitoring sites.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in November were from the southwest through south-southeast.
 - Figure 2 shows the Warm Springs location, where winds were mostly from southerly directions.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
David Dobrinien	490-9205
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
November 1, 2009	6	2.6	5.8	346	3.2	37.7	60
November 2, 2009	13	1.6	3.6	191	-0.8	30.6	62
November 3, 2009	12	1.7	3.9	312	1.0	33.7	58
November 4, 2009	11	1.8	4.0	201	5.0	41.0	43
November 5, 2009	12	2.4	5.3	195	8.7	47.7	38
November 6, 2009	14	3.4	7.6	251	5.9	42.7	50
November 7, 2009	5	2.0	4.5	232	1.1	33.9	60
November 8, 2009	4	2.8	6.3	232	1.3	34.4	52
November 9, 2009	12	2.0	4.6	171	1.2	34.1	46
November 10, 2009	11	2.0	4.5	212	3.0	37.5	47
November 11, 2009	11	1.8	4.0	190	1.0	33.7	76
November 12, 2009	6	1.3	2.8	12	-4.6	23.7	85
November 13, 2009	6	1.9	4.3	174	-8.2	17.3	66
November 14, 2009	6	1.4	3.2	157	-6.9	19.5	69
November 15, 2009	4	2.2	4.9	178	-5.3	22.5	54
November 16, 2009	5	4.2	9.3	152	1.3	34.4	56
November 17, 2009	10	2.6	5.7	163	4.7	40.4	43
November 18, 2009	10	1.8	4.1	358	-1.7	28.9	69
November 19, 2009	7	2.7	6.1	173	0.0	32.0	56
November 20, 2009	21	2.9	6.4	152	3.7	38.6	40
November 21, 2009	16	3.2	7.1	252	-1.3	29.6	54
November 22, 2009	5	2.4	5.5	176	-3.7	25.4	61
November 23, 2009	5	2.4	5.4	237	-1.2	29.9	58
November 24, 2009	8	2.2	4.9	200	-0.3	31.4	64
November 25, 2009	5	2.0	4.5	186	2.2	35.9	66
November 26, 2009	4	2.6	5.8	184	5.4	41.8	47
November 27, 2009	3	2.1	4.7	135	2.4	36.3	65
November 28, 2009	5	1.5	3.3	356	-2.0	28.4	66
November 29, 2009	3	2.5	5.7	240	1.4	34.5	61
November 30, 2009	7	2.8	6.3	201	2.1	35.8	54

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
November 1, 2009	3	1.7	3.8	348	3.8	38.9	NO DATA
November 2, 2009	5	1.6	3.6	183	-0.9	30.4	NO DATA
November 3, 2009	7	1.2	2.7	28	0.4	32.7	NO DATA
November 4, 2009	10	1.2	2.8	4	2.6	36.6	NO DATA
November 5, 2009	4	3.4	7.5	193	10.8	51.5	NO DATA
November 6, 2009	6	3.8	8.5	239	6.4	43.4	NO DATA
November 7, 2009	2	1.7	3.8	225	1.7	35.0	NO DATA
November 8, 2009	2	1.9	4.2	203	0.8	33.5	NO DATA
November 9, 2009	2	2.5	5.6	171	2.0	35.6	NO DATA
November 10, 2009	4	2.5	5.6	195	3.9	39.0	NO DATA
November 11, 2009	7	2.1	4.6	187	1.5	34.8	NO DATA
November 12, 2009	5	1.0	2.1	147	-4.0	24.9	NO DATA
November 13, 2009	3	2.5	5.6	190	-7.6	18.3	59
November 14, 2009	3	1.4	3.2	181	-5.9	21.3	68
November 15, 2009	1	2.5	5.7	193	-4.5	23.8	56
November 16, 2009	2	4.6	10.2	159	4.1	39.3	52
November 17, 2009	4	5.0	11.3	163	7.7	45.8	35
November 18, 2009	3	1.3	2.9	24	-1.1	30.1	68
November 19, 2009	4	3.1	6.9	178	1.3	34.4	53
November 20, 2009	3	4.2	9.3	155	5.9	42.6	34
November 21, 2009	3	2.9	6.5	233	-0.9	30.4	55
November 22, 2009	3	3.2	7.2	174	-2.9	26.8	58
November 23, 2009	2	3.0	6.7	253	-1.2	29.8	59
November 24, 2009	4	2.4	5.3	192	0.0	32.1	64
November 25, 2009	3	2.1	4.6	192	1.8	35.3	68
November 26, 2009	1	3.2	7.2	187	6.5	43.6	46
November 27, 2009	3	1.9	4.3	211	3.5	38.3	63
November 28, 2009	3	1.0	2.3	15	-2.6	27.4	68
November 29, 2009	3	1.1	2.5	282	-0.7	30.7	72
November 30, 2009	2	2.8	6.3	183	2.3	36.1	55

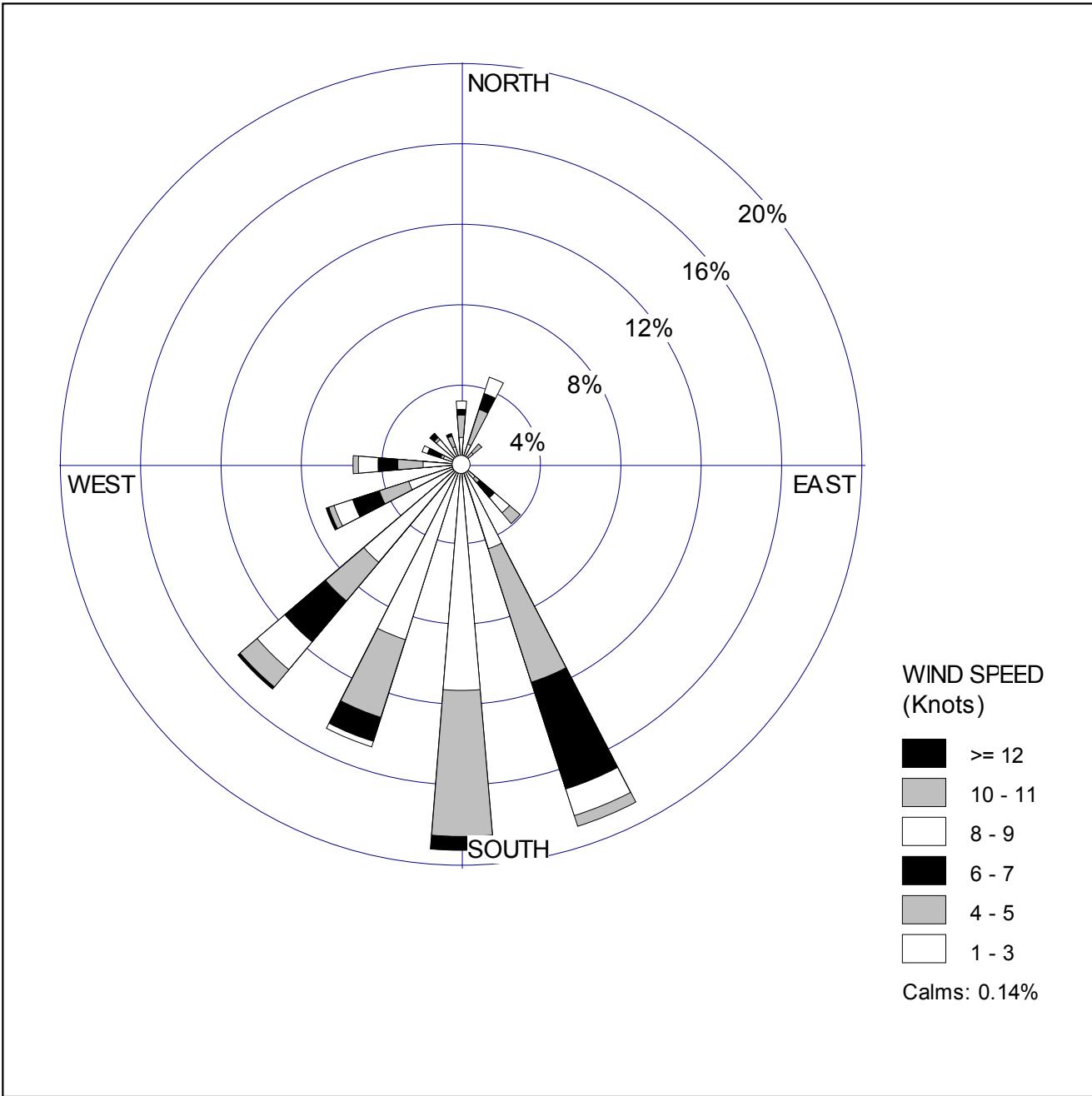


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site November 2009.

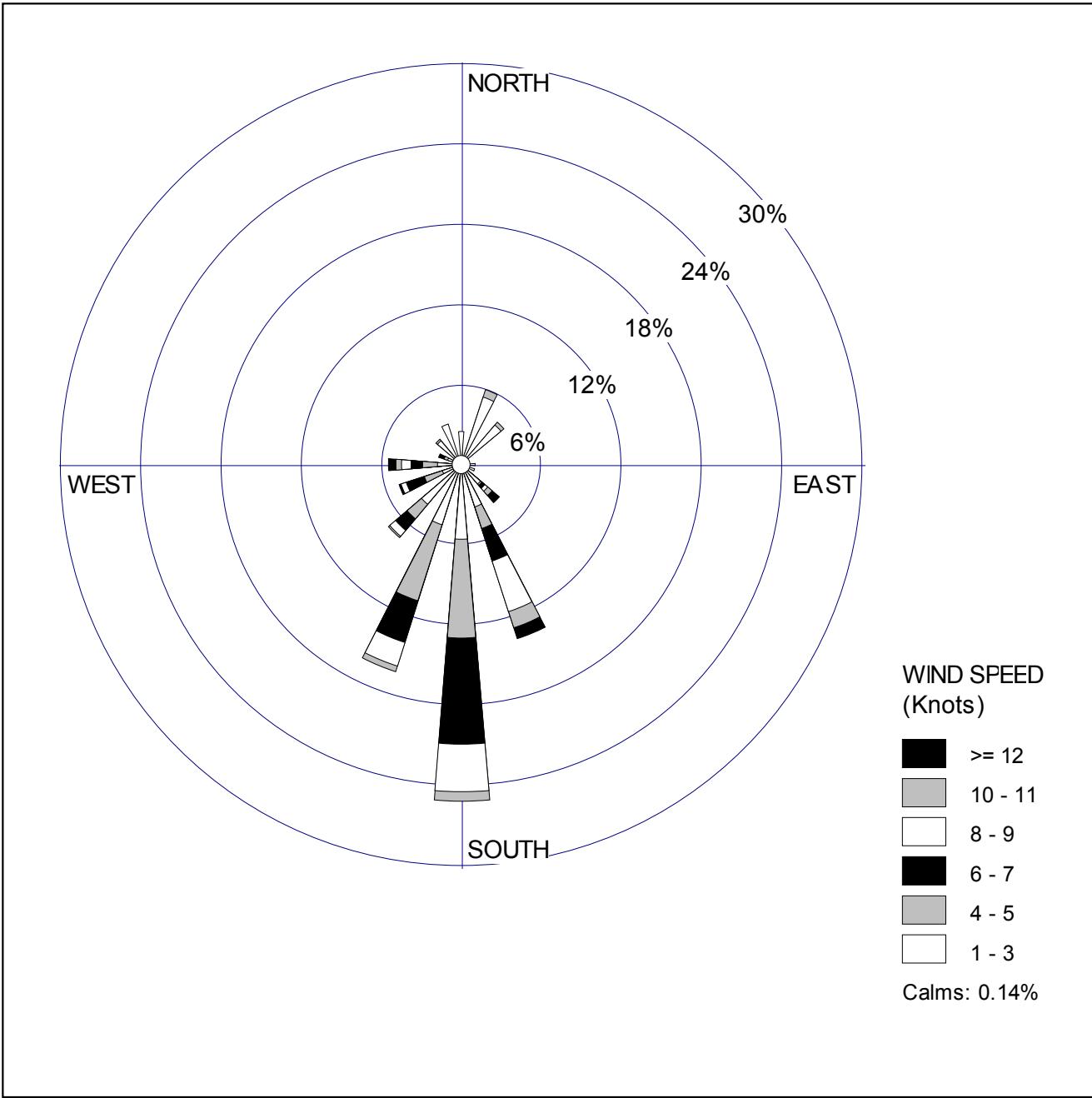


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site November 2009.



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MEMORANDUM – Opportunity / Warm Springs Settled Dust Sampling Events – Draft
Sampling Period: July 11 – September 18, 2009

Submitted by Steve Heck, Blacktail Consulting, Inc.

December 9, 2009

This memorandum describes the preliminary results of settled dust sampling conducted at the Opportunity and Warm Springs air monitoring sites on behalf of Kuipers and Associates, and Anaconda-Deer Lodge County. All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan.

1. SAMPLE COLLECTION

On July 11, 2009, four clean 9-inch diameter glass dishes were set out at both sites at a height of approximately 7 feet to capture and retain settling dust. A personal sampling pump supplied by SKC, Inc. was used to vacuum any settled dust from the dishes during twice-weekly site visits. Vacuuming could not be performed when standing water was present. In those instances, the water was either dumped or allowed to evaporate, and vacuuming was performed at the next opportunity.



The vacuumed dust was collected onto 37-mm diameter, matched weight mixed cellulose ester (MCE) filter cassettes. The filters were recommended by the manufacturer for applications involving trace element analyses. The matched filter weights allow one to avoid filter pre-weighing. The total dust determination is made by simply weighing the two filters following sampling; the difference in their weights equals the mass of dust collected.

The glass dishes were vacuumed for the last time on September 18, 2009, and the cassettes were submitted to the MSE Laboratory for analysis. Both samples were weighed to determine the total amount of particulate collected. Samples having a sufficient net dust mass (≥ 1.0 mg) were analyzed for arsenic, cadmium, copper, lead and zinc.

Previously, the dust from all four dishes at each site had been vacuumed onto a single filter cassette to ensure that a sufficient amount of dust was collected to obtain reliable analytical results. However, because airborne particulate levels are highest during the late summer, the decision was made to obtain duplicate samples at the Opportunity site for this event. This was accomplished by vacuuming dust separately onto two filter cassettes; each cassette included the dust collected from two dishes.

2. ANALYTICAL PROCEDURES

Following weighing, exposed filters were digested using Method SW-846 3050B for soils, and analyzed for trace metals by ICP Mass Spectrometer (ICP-MS) using Method SW-846 6020A. Additionally, a blank filter cassette was analyzed to provide background concentrations for the MCE filters.

3. ANALYTICAL RESULTS

Table 1 presents settled dust trace element results for the Opportunity site. Table 2 presents results for the Warm Springs site.

3.1 Filter Weights

The filters were weighed on an enclosed balance with a resolution of 0.0001 grams (0.1 mg). Results are shown in Section A of Tables 1 and 2. The “Tare” filter weight is the weight of the unexposed matched weight filter, and the “Exposed” weight is the weight of the filter dust was collected on. The net dust weight is calculated as the difference between these values.

For the Opportunity site, the mass of dust collected was 12.5 mg for the reference sample, and 8.4 mg for the duplicate sample. The dust mass for the Warm Springs sample was 31.8 mg. These masses were all sufficient for trace element analyses.

3.2 Trace Element Results

The trace element results are presented in Section B of Tables 1 and 2. The “Total” results represent the trace element concentrations in the exposed filter – which includes contributions from both the filter material and the collected dust. A blank filter was analyzed for trace elements, with results shown in the column labeled “Blank.” Next, net filter trace element concentrations were calculated by subtracting the blank values from the total values. The net results represent the average trace element concentrations throughout the filter based solely on the contribution from the collected dust.

3.3. Trace Element Concentrations in Dust

The net trace element concentrations in Section B are for the entire exposed filter mass. Trace element concentrations in the collected dust were calculated using the net trace element results, the exposed filter weight and the collected dust weight. For the reference sample at Opportunity, the net dust weight was 0.0125 grams, while the total weight of the exposed MCE filter was

0.0612 grams. The following example illustrates the calculation used to determine trace element concentrations in the collected dust:

- Concentration of arsenic over the entire exposed filter was 37.3 mg/kg. Therefore, the amount of arsenic present was $37.3 \text{ mg/kg} \times 0.0612 \text{ g}$, or $2.283 \times 10^{-3} \text{ mg}$.
- Because all of this net arsenic concentration was contained in the dust portion, the arsenic concentration in dust was $2.283 \times 10^{-3} \text{ mg} / 0.0125 \text{ g}$, or 182 mg/kg.

The concentrations of other trace elements in the dust were calculated using the same approach. Results are summarized in Section C of Tables 1 and 2.

Disassembly and weighing of the filter cassettes proceeded smoothly for these samples, and no analytical issues were encountered.

3.4 Duplicate Sample Results

Part C of Table 1 shows the calculated relative percent difference (RPD) for the two dust samples collected at Opportunity. All were below 20%, with the exception of zinc, which had an RPD of 21.4%. The higher RPD for zinc is not unexpected, because of the relatively high background concentration of zinc found in the blank filter. Additionally, the filters' zinc background concentrations have shown considerable variability.

The duplicate results also provide some confirmation of the analytical laboratory's consistency with respect to sample preparation and analysis. Unfortunately, there is no reliable way to split an exposed cassette filter sample for preparation of a laboratory duplicate.

4. CONCLUSIONS AND RECOMMENDATIONS

The laboratory analysis proceeded smoothly for these filters. The dust masses collected were sufficient for reliable trace element determinations, and the duplicate sample results were generally good. All calculated analyte concentrations were at least five times greater than the mass-adjusted laboratory reporting limit.

Settled dust sampling will continue as described herein, as the glass dish methodology has yielded the most consistent and reliable data on trace element concentrations in airborne particulate.

TABLE 1 - OPPORTUNITY SETTLED DUST SAMPLE RESULTS
(Sampling conducted 7-11-2009 through 9-18-2009)

A. Filter Weight Data

Opportunity Analyzed Filter Weight (g)	0.0610
Opportunity Tare Filter Weight (g)	0.0485
Opportunity Net Particulate Weight (g)	0.0125
Opportunity Duplicate Analyzed Filter Weight (g)	0.0603
Opportunity Duplicate Tare Filter Weight (g)	0.0519
Opportunity Duplicate Net Particulate Weight (g)	0.0084

B. Trace Element Results

Analyte	Opportunity			Opportunity - Duplicate			Blank (1)
	Total Filter Conc. (mg/kg)	Net Filter Conc. (mg/kg)	Reporting Limit (mg/kg)	Total Filter Conc. (mg/kg)	Net Filter Conc. (mg/kg)	Reporting Limit (mg/kg)	
As	37.3	37.3	1.21	25.3	25.3	1.49	ND
Cd	1.00	1.00	0.081	0.595	0.595	0.100	ND
Cu	151	151	1.01	95.8	95.3	1.25	0.456
Pb	27.7	27.5	0.162	17.5	17.3	0.199	0.158
Zn	149	127	2.43	91.7	69.6	2.99	22.1

(1) Blank concentration based on unexposed filter

C. Calculated Trace Element Concentrations in Particulate

Analyte	Opportunity			Opportunity - Duplicate			RPD %
	Net Filter Conc. (mg/kg)	Net Particulate Conc. (mg/kg)	(1) Reporting Limit (mg/kg)	Net Filter Conc. (mg/kg)	Net Particulate Conc. (mg/kg)	(1) Reporting Limit (mg/kg)	
As	37.3	182	5.90	25.3	182	10.7	0.2
Cd	1.00	4.88	0.395	0.595	4.27	0.718	13.3
Cu	151	735	4.93	95.3	684	8.97	7.1
Pb	27.5	134	0.791	17.3	124	1.43	7.7
Zn	127	619	11.9	69.6	500	21.5	21.4

(1) Reporting Limit adjusted to reflect mass of particulate collected

TABLE 2 - WARM SPRINGS SETTLED DUST SAMPLE RESULTS
(Sampling conducted 7-11-2009 through 9-18-2009)

A. Filter Weight Data

Warm Springs Exposed Filter Weight (g)	0.0817
Warm Springs Tare Filter Weight (g)	0.0499
Warm Springs Net Particulate Weight (g)	0.0318

B. Trace Element Results

Analyte	<i>Warm Springs</i>			Blank (1)
	Total Filter Conc. (mg/kg)	Net Filter Conc. (mg/kg)	Reporting Limit (mg/kg)	
<i>As</i>	20.4	20.4	1.51	ND
<i>Cd</i>	0.914	0.914	0.100	ND
<i>Cu</i>	89.1	88.6	1.26	0.456
<i>Pb</i>	23.2	23.0	0.201	0.158
<i>Zn</i>	132	110	3.01	22.1

(1) Blank concentration based on unexposed filter

C. Calculated Trace Element Concentrations in Particulate

Analyte	<i>Warm Springs</i>		(1) Reporting Limit (mg/kg)
	Net Filter Conc. (mg/kg)	Net Particulate Conc. (mg/kg)	
<i>As</i>	20.4	52.4	3.88
<i>Cd</i>	0.914	2.35	0.257
<i>Cu</i>	88.6	228	3.24
<i>Pb</i>	23.0	59.2	0.516
<i>Zn</i>	110	282	7.73

(1) Reporting Limit adjusted to reflect mass of particulate collected

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
November 2009

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/1/2009 1:00	-5	2.6	5.8	231	4.7	40.5	66
11/1/2009 2:00	-2	1.4	3.1	282	4.5	40.1	66
11/1/2009 3:00	-5	1.4	3.1	253	4.1	39.4	66
11/1/2009 4:00	19	1.4	3.1	265	2.9	37.2	69
11/1/2009 5:00	-5	1.3	2.9	262	1.9	35.4	73
11/1/2009 6:00	-2	1.1	2.5	16	2.9	37.2	69
11/1/2009 7:00	12	1.7	3.8	49	3.0	37.4	70
11/1/2009 8:00	11	1.7	3.8	14	3.0	37.4	71
11/1/2009 9:00	6	2.1	4.7	354	3.6	38.5	68
11/1/2009 10:00	2	4.0	8.9	12	4.9	40.8	61
11/1/2009 11:00	22	4.6	10.3	18	5.7	42.3	57
11/1/2009 12:00	10	4.9	11.0	29	6.1	43.0	55
11/1/2009 13:00	-3	4.2	9.4	3	6.5	43.7	51
11/1/2009 14:00	14	4.7	10.5	1	6.5	43.7	49
11/1/2009 15:00	1	4.8	10.7	291	7.0	44.6	40
11/1/2009 16:00	-1	4.4	9.8	284	6.3	43.3	36
11/1/2009 17:00	17	3.8	8.5	284	5.3	41.5	37
11/1/2009 18:00	6	2.2	4.9	20	3.3	37.9	50
11/1/2009 19:00	6	2.7	6.0	40	2.3	36.1	56
11/1/2009 20:00	3	2.5	5.6	40	1.9	35.4	56
11/1/2009 21:00	8	1.8	4.0	53	1.4	34.5	56
11/1/2009 22:00	-2	0.8	1.8	204	-1.6	29.1	67
11/1/2009 23:00	17	0.9	2.0	198	-4.6	23.7	77
11/2/2009 0:00	7	0.9	2.0	212	-5.5	22.1	80
11/2/2009 1:00	8	0.7	1.6	212	-5.7	21.7	81
11/2/2009 2:00	23	0.9	2.0	213	-6.4	20.5	82
11/2/2009 3:00	-5	0.8	1.8	201	-7.2	19.0	82
11/2/2009 4:00	10	0.9	2.0	215	-6.4	20.5	81
11/2/2009 5:00	6	0.7	1.6	194	-7.2	19.0	82
11/2/2009 6:00	5	0.9	2.0	203	-7.5	18.5	82
11/2/2009 7:00	14	1.2	2.7	186	-7.3	18.9	80
11/2/2009 8:00	9	1.3	2.9	166	-7.7	18.1	80
11/2/2009 9:00	8	1.8	4.0	175	-4.2	24.4	71
11/2/2009 10:00	25	2.4	5.4	171	-1.1	30.0	62
11/2/2009 11:00	56	3.2	7.2	156	1.4	34.5	56
11/2/2009 12:00	12	2.7	6.0	167	5.3	41.5	42
11/2/2009 13:00	10	2.1	4.7	180	7.5	45.5	30
11/2/2009 14:00	6	2.2	4.9	204	8.1	46.6	27
11/2/2009 15:00	14	2.6	5.8	167	8.7	47.7	31
11/2/2009 16:00	7	1.8	4.0	214	8.6	47.5	26
11/2/2009 17:00	2	1.8	4.0	184	7.7	45.9	31
11/2/2009 18:00	18	2.3	5.1	268	5.5	41.9	41
11/2/2009 19:00	5	2.7	6.0	350	0.6	33.1	60
11/2/2009 20:00	31	1.4	3.1	282	-1.1	30.0	65
11/2/2009 21:00	-5	1.0	2.2	168	-1.8	28.8	67
11/2/2009 22:00	15	1.1	2.5	171	-2.6	27.3	73
11/2/2009 23:00	12	1.1	2.5	174	-2.5	27.5	71
11/3/2009 0:00	14	1.1	2.5	231	-3.8	25.2	76
11/3/2009 1:00	1	1.0	2.2	237	-4.1	24.6	76
11/3/2009 2:00	11	1.1	2.5	260	-2.7	27.1	73
11/3/2009 3:00	19	1.2	2.7	186	-3.4	25.9	77
11/3/2009 4:00	5	1.4	3.1	176	-2.8	27.0	73
11/3/2009 5:00	15	1.4	3.1	174	-1.6	29.1	68
11/3/2009 6:00	8	0.9	2.0	167	-2.3	27.9	70
11/3/2009 7:00	3	1.4	3.1	200	-0.8	30.6	64
11/3/2009 8:00	7	1.0	2.2	123	-0.2	31.6	61
11/3/2009 9:00	9	1.0	2.2	11	0.9	33.6	59
11/3/2009 10:00	6	1.9	4.3	11	3.2	37.8	53
11/3/2009 11:00	4	2.2	4.9	337	6.0	42.8	45
11/3/2009 12:00	18	3.8	8.5	296	7.6	45.7	37
11/3/2009 13:00	14	3.6	8.1	306	8.0	46.4	34
11/3/2009 14:00	19	3.4	7.6	346	7.9	46.2	37
11/3/2009 15:00	1	3.4	7.6	6	8.1	46.6	36
11/3/2009 16:00	17	3.5	7.8	14	7.9	46.2	35
11/3/2009 17:00	13	2.8	6.3	11	5.8	42.4	40
11/3/2009 18:00	26	1.4	3.1	275	1.9	35.4	50
11/3/2009 19:00	26	0.9	2.0	225	-0.9	30.4	60
11/3/2009 20:00	20	0.6	1.3	229	-2.3	27.9	67
11/3/2009 21:00	12	1.0	2.2	227	-1.8	28.8	67
11/3/2009 22:00	4	0.8	1.8	231	-3.7	25.3	72
11/3/2009 23:00	10	0.8	1.8	221	-3.6	25.5	72
11/4/2009 0:00	8	0.9	2.0	237	-3.9	25.0	70
11/4/2009 1:00	16	1.1	2.5	232	-1.6	29.1	62
11/4/2009 2:00	13	1.4	3.1	233	-2.4	27.7	63
11/4/2009 3:00	2	1.4	3.1	235	-3.8	25.2	65
11/4/2009 4:00	9	1.4	3.1	215	-2.0	28.4	58
11/4/2009 5:00	10	1.7	3.8	212	-1.7	28.9	57
11/4/2009 6:00	6	1.6	3.6	221	-1.7	28.9	57
11/4/2009 7:00	9	1.5	3.4	223	-1.8	28.8	55
11/4/2009 8:00	1	1.6	3.6	215	-1.5	29.3	54

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/4/2009 9:00	12	1.8	4.0	211	0.7	33.3	48
11/4/2009 10:00	15	1.7	3.8	200	4.4	39.9	38
11/4/2009 11:00	12	2.5	5.6	184	8.5	47.3	30
11/4/2009 12:00	7	3.0	6.7	158	12.4	54.3	21
11/4/2009 13:00	44	2.2	4.9	179	14.8	58.6	17
11/4/2009 14:00	14	2.7	6.0	158	15.9	60.6	17
11/4/2009 15:00	4	2.0	4.5	207	16.2	61.2	14
11/4/2009 16:00	10	2.2	4.9	173	16.0	60.8	15
11/4/2009 17:00	6	1.7	3.8	201	14.2	57.6	18
11/4/2009 18:00	23	1.0	2.2	264	7.2	45.0	38
11/4/2009 19:00	12	1.0	2.2	237	3.1	37.6	51
11/4/2009 20:00	8	1.2	2.7	222	4.8	40.6	49
11/4/2009 21:00	15	2.0	4.5	213	4.7	40.5	49
11/4/2009 22:00	-4	2.5	5.6	183	4.8	40.6	48
11/4/2009 23:00	11	1.9	4.3	193	4.7	40.5	49
11/5/2009 0:00	11	2.0	4.5	204	3.8	38.8	52
11/5/2009 1:00	1	1.9	4.3	196	3.6	38.5	52
11/5/2009 2:00	7	1.6	3.6	195	4.2	39.6	49
11/5/2009 3:00	-1	1.9	4.3	196	4.0	39.2	49
11/5/2009 4:00	2	2.6	5.8	182	4.8	40.6	46
11/5/2009 5:00	16	2.7	6.0	185	4.0	39.2	48
11/5/2009 6:00	7	2.6	5.8	186	3.5	38.3	49
11/5/2009 7:00	38	2.9	6.5	182	3.7	38.7	48
11/5/2009 8:00	15	3	6.7	157	2.5	36.5	52
11/5/2009 9:00	18	3.7	8.3	157	5.1	41.2	45
11/5/2009 10:00	28	3.9	8.7	150	9.1	48.4	36
11/5/2009 11:00	7	2.4	5.4	162	13.0	55.4	27
11/5/2009 12:00	27	3.3	7.4	227	14	57.2	24
11/5/2009 13:00	11	4.0	8.9	241	15.1	59.2	22
11/5/2009 14:00	9	2.9	6.5	247	16.7	62.1	19
11/5/2009 15:00	4	3.0	6.7	239	15.9	60.6	21
11/5/2009 16:00	25	3.0	6.7	234	16.3	61.3	20
11/5/2009 17:00	0	2.2	4.9	231	14.8	58.6	24
11/5/2009 18:00	20	1.6	3.6	227	11.7	53.1	32
11/5/2009 19:00	22	1.4	3.1	192	7.9	46.2	43
11/5/2009 20:00	17	1.1	2.5	216	7.2	45.0	45
11/5/2009 21:00	6	1.6	3.6	174	7.4	45.3	42
11/5/2009 22:00	8	1.4	3.1	174	7.9	46.2	38
11/5/2009 23:00	13	1.2	2.7	148	8.6	47.5	35
11/6/2009 0:00	-5	1.2	2.7	151	7.9	46.2	35
11/6/2009 1:00	13	3.4	7.6	227	10.2	50.4	29
11/6/2009 2:00	2	2.9	6.5	254	9.0	48.2	31
11/6/2009 3:00	14	1.3	2.9	211	8.6	47.5	33
11/6/2009 4:00	14	1.2	2.7	228	7.5	45.5	35
11/6/2009 5:00	24	3.5	7.8	232	9.6	49.3	31
11/6/2009 6:00	98	6.5	14.5	237	10.5	50.9	32
11/6/2009 7:00	76	6.2	13.9	236	8.5	47.3	49
11/6/2009 8:00	7	2.2	4.9	217	8.1	46.6	48
11/6/2009 9:00	12	4.2	9.4	226	10.0	50.0	42
11/6/2009 10:00	15	5.7	12.8	256	7.7	45.9	59
11/6/2009 11:00	-5	5.4	12.1	268	3.1	37.6	80
11/6/2009 12:00	26	5.8	13.0	277	4.6	40.3	65
11/6/2009 13:00	-1	4.8	10.7	275	5.8	42.4	54
11/6/2009 14:00	2	4.9	11.0	271	7.0	44.6	43
11/6/2009 15:00	11	4.5	10.1	267	7.3	45.1	39
11/6/2009 16:00	8	3.6	8.1	281	6.4	43.5	41
11/6/2009 17:00	2	2.2	4.9	263	5.2	41.4	46
11/6/2009 18:00	2	1.7	3.8	258	4.8	40.6	48
11/6/2009 19:00	7	0.9	2.0	195	2.3	36.1	58
11/6/2009 20:00	-5	1.6	3.6	225	2.5	36.5	56
11/6/2009 21:00	1	2.6	5.8	253	3.1	37.6	52
11/6/2009 22:00	3	3.3	7.4	237	1.4	34.5	74
11/6/2009 23:00	3	2.0	4.5	264	-0.1	31.8	80
11/7/2009 0:00	-2	1.3	2.9	221	-0.4	31.3	78
11/7/2009 1:00	14	2.1	4.7	250	0.5	32.9	71
11/7/2009 2:00	-5	2.9	6.5	256	1.3	34.3	65
11/7/2009 3:00	3	2.0	4.5	239	0.8	33.4	67
11/7/2009 4:00	-5	1.1	2.5	223	-0.2	31.6	70
11/7/2009 5:00	5	1.0	2.2	197	-2.7	27.1	79
11/7/2009 6:00	4	0.7	1.6	207	-3.7	25.3	81
11/7/2009 7:00	15	0.8	1.8	223	-4.0	24.8	80
11/7/2009 8:00	-2	1.0	2.2	201	-4.5	23.9	82
11/7/2009 9:00	1	1.2	2.7	111	-3.0	26.6	79
11/7/2009 10:00	6	1.3	2.9	154	1.6	34.9	62
11/7/2009 11:00	-2	3.2	7.2	224	4.9	40.8	45
11/7/2009 12:00	3	5.5	12.3	236	6.2	43.2	37
11/7/2009 13:00	1	4.9	11.0	237	7.0	44.6	30
11/7/2009 14:00	5	3.8	8.5	248	7.4	45.3	31
11/7/2009 15:00	1	4.2	9.4	230	7.5	45.5	29
11/7/2009 16:00	0	3.3	7.4	236	7.3	45.1	30
11/7/2009 17:00	4	2.2	4.9	288	4.2	39.6	48
11/7/2009 18:00	-4	1	2.2	300	2.5	36.5	55
11/7/2009 19:00	11	1.0	2.2	238	1.5	34.7	58
11/7/2009 20:00	15	1.0	2.2	214	-1.0	30.2	68
11/7/2009 21:00	12	0.8	1.8	182	-1.4	29.5	69
11/7/2009 22:00	13	1.1	2.5	214	-2.4	27.7	71

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/7/2009 23:00	-5	1.0	2.2	206	-2.4	27.7	69
11/8/2009 0:00	23	1.1	2.5	177	-1.8	28.8	64
11/8/2009 1:00	-5	1.3	2.9	181	-0.2	31.6	57
11/8/2009 2:00	2	2.0	4.5	197	0.5	32.9	53
11/8/2009 3:00	0	2.1	4.7	202	1.1	34.0	48
11/8/2009 4:00	-5	4.2	9.4	218	1.1	34.0	53
11/8/2009 5:00	10	5.3	11.9	229	0.4	32.7	65
11/8/2009 6:00	4	5.6	12.5	229	0.7	33.3	62
11/8/2009 7:00	10	5.1	11.4	231	0.6	33.1	62
11/8/2009 8:00	10	4.7	10.5	237	0.0	32.0	71
11/8/2009 9:00	0	4.9	11.0	258	0.8	33.4	64
11/8/2009 10:00	0	3.7	8.3	236	1.7	35.1	60
11/8/2009 11:00	0	4.3	9.6	240	3.4	38.1	53
11/8/2009 12:00	1	3.7	8.3	254	4.6	40.3	47
11/8/2009 13:00	-5	3.0	6.7	261	6.1	43.0	34
11/8/2009 14:00	3	2.7	6.0	268	6.8	44.2	31
11/8/2009 15:00	-3	2.9	6.5	260	6.6	43.9	31
11/8/2009 16:00	2	3.0	6.7	240	6.7	44.1	30
11/8/2009 17:00	6	1.7	3.8	221	5.5	41.9	33
11/8/2009 18:00	38	1.0	2.2	248	1.3	34.3	47
11/8/2009 19:00	-5	0.5	1.1	240	-2.1	28.2	58
11/8/2009 20:00	4	1.0	2.2	162	-2.6	27.3	58
11/8/2009 21:00	11	1.2	2.7	138	-2.9	26.8	59
11/8/2009 22:00	0	1.2	2.7	200	-2.6	27.3	57
11/8/2009 23:00	6	1.1	2.5	164	-2.7	27.1	58
11/9/2009 0:00	9	1.5	3.4	169	-2.5	27.5	57
11/9/2009 1:00	1	1.2	2.7	206	-3.6	25.5	61
11/9/2009 2:00	6	0.8	1.8	190	-4.4	24.1	64
11/9/2009 3:00	5	1.1	2.5	225	-5.3	22.5	67
11/9/2009 4:00	1	0.8	1.8	235	-5.3	22.5	67
11/9/2009 5:00	-3	0.8	1.8	203	-5.2	22.6	66
11/9/2009 6:00	4	1.2	2.7	226	-4.9	23.2	65
11/9/2009 7:00	7	1.8	4.0	189	-5.1	22.8	65
11/9/2009 8:00	7	1.4	3.1	215	-5.3	22.5	65
11/9/2009 9:00	5	1.9	4.3	189	-3.0	26.6	57
11/9/2009 10:00	12	2.7	6.0	165	1.0	33.8	47
11/9/2009 11:00	4	4.0	8.9	140	4.6	40.3	39
11/9/2009 12:00	32	4.2	9.4	143	6.8	44.2	29
11/9/2009 13:00	16	3.7	8.3	165	8.4	47.1	23
11/9/2009 14:00	32	4.9	11.0	152	9.0	48.2	23
11/9/2009 15:00	48	3.9	8.7	149	9.7	49.5	23
11/9/2009 16:00	22	3.8	8.5	162	9.5	49.1	24
11/9/2009 17:00	32	2.3	5.1	176	7.7	45.9	29
11/9/2009 18:00	8	1.1	2.5	277	4.3	39.7	37
11/9/2009 19:00	0	1.0	2.2	52	2.0	35.6	43
11/9/2009 20:00	8	1.3	2.9	224	2.4	36.3	42
11/9/2009 21:00	6	1.1	2.5	201	2.8	37.0	39
11/9/2009 22:00	3	1.2	2.7	196	2.1	35.8	41
11/9/2009 23:00	9	1.4	3.1	162	-0.1	31.8	47
11/10/2009 0:00	12	1.4	3.1	163	-0.5	31.1	47
11/10/2009 1:00	-1	1.5	3.4	163	-1.4	29.5	49
11/10/2009 2:00	-5	1.3	2.9	176	0.5	32.9	44
11/10/2009 3:00	4	1.6	3.6	197	1.5	34.7	42
11/10/2009 4:00	4	2.0	4.5	184	3.2	37.8	37
11/10/2009 5:00	2	1.7	3.8	189	4.9	40.8	34
11/10/2009 6:00	4	1.9	4.3	193	5.8	42.4	32
11/10/2009 7:00	7	2.0	4.5	178	3.0	37.4	41
11/10/2009 8:00	17	1.8	4.0	173	2.2	36.0	45
11/10/2009 9:00	4	1.6	3.6	173	2	35.6	47
11/10/2009 10:00	13	1.4	3.1	189	3.0	37.4	47
11/10/2009 11:00	7	2.6	5.8	195	7.8	46.0	38
11/10/2009 12:00	18	4.0	8.9	219	9.0	48.2	33
11/10/2009 13:00	13	4.6	10.3	221	9.8	49.6	30
11/10/2009 14:00	12	4.7	10.5	223	10.2	50.4	26
11/10/2009 15:00	6	4.4	9.8	231	10.2	50.4	26
11/10/2009 16:00	2	3.0	6.7	238	9.7	49.5	26
11/10/2009 17:00	24	0.9	2.0	248	7.1	44.8	32
11/10/2009 18:00	14	1.6	3.6	274	3	37.4	46
11/10/2009 19:00	15	2.0	4.5	312	2.3	36.1	59
11/10/2009 20:00	17	1.3	2.9	222	-0.2	31.6	68
11/10/2009 21:00	20	0.6	1.3	238	-3.5	25.7	77
11/10/2009 22:00	6	0.6	1.3	205	-4.7	23.5	80
11/10/2009 23:00	31	0.6	1.3	215	-5.7	21.7	82
11/11/2009 0:00	19	1.0	2.2	226	-6.6	20.1	83
11/11/2009 1:00	11	0.8	1.8	212	-6.0	21.2	83
11/11/2009 2:00	9	1.0	2.2	195	-4.2	24.4	79
11/11/2009 3:00	14	1.3	2.9	199	-2.5	27.5	75
11/11/2009 4:00	-2	1.4	3.1	187	-1.9	28.6	73
11/11/2009 5:00	19	1.7	3.8	191	-0.5	31.1	71
11/11/2009 6:00	14	2.5	5.6	159	0.5	32.9	76
11/11/2009 7:00	-5	2.9	6.5	169	1.1	34.0	71
11/11/2009 8:00	22	1.2	2.7	192	2.2	36.0	75
11/11/2009 9:00	8	1.7	3.8	179	2.0	35.6	73
11/11/2009 10:00	13	1.9	4.3	170	2.5	36.5	72
11/11/2009 11:00	21	2.3	5.1	157	3.0	37.4	72

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/11/2009 12:00	15	1.9	4.3	206	3.8	38.8	66
11/11/2009 13:00	-5	2.3	5.1	225	4.5	40.1	61
11/11/2009 14:00	14	1.6	3.6	214	4.9	40.8	60
11/11/2009 15:00	10	2.2	4.9	230	4.7	40.5	63
11/11/2009 16:00	12	1.6	3.6	266	4.1	39.4	68
11/11/2009 17:00	13	0.5	1.1	49	3.0	37.4	76
11/11/2009 18:00	10	0.7	1.6	77	2.3	36.1	81
11/11/2009 19:00	-5	0.8	1.8	35	2.1	35.8	81
11/11/2009 20:00	19	2.5	5.6	350	1.1	34.0	85
11/11/2009 21:00	37	4.0	8.9	21	-0.6	30.9	90
11/11/2009 22:00	10	2.4	5.4	16	-0.8	30.6	90
11/11/2009 23:00	-5	1.7	3.8	358	-1.0	30.2	90
11/12/2009 0:00	AM	2.5	5.6	19	-1.2	29.8	90
11/12/2009 1:00	-5	3.1	6.9	26	-1.5	29.3	90
11/12/2009 2:00	3	2.0	4.5	11	-1.6	29.1	90
11/12/2009 3:00	1	1.2	2.7	12	-1.7	28.9	90
11/12/2009 4:00	4	0.8	1.8	350	-1.9	28.6	90
11/12/2009 5:00	6	0.6	1.3	320	-1.9	28.6	90
11/12/2009 6:00	1	0.8	1.8	340	-1.9	28.6	90
11/12/2009 7:00	3	0.7	1.6	313	-2.0	28.4	90
11/12/2009 8:00	8	0.7	1.6	325	-2.4	27.7	89
11/12/2009 9:00	11	0.9	2.0	38	-2.6	27.3	89
11/12/2009 10:00	6	0.3	0.7	342	-2.1	28.2	88
11/12/2009 11:00	-2	1.2	2.7	16	-1.8	28.8	87
11/12/2009 12:00	22	2.0	4.5	35	-1.8	28.8	86
11/12/2009 13:00	AM	1.3	2.9	32	-2.2	28.0	84
11/12/2009 14:00	3	1.5	3.4	14	-1.5	29.3	81
11/12/2009 15:00	3	2.5	5.6	16	-1.8	28.8	81
11/12/2009 16:00	1	2.2	4.9	24	-1.9	28.6	77
11/12/2009 17:00	6	1.2	2.7	7	-3.1	26.4	74
11/12/2009 18:00	0	0.8	1.8	274	-6.1	21.0	81
11/12/2009 19:00	10	1.0	2.2	244	-9.3	15.3	83
11/12/2009 20:00	30	1.0	2.2	184	-11.3	11.7	84
11/12/2009 21:00	0	1.0	2.2	196	-12.7	9.1	83
11/12/2009 22:00	24	1.2	2.7	177	-12.4	9.7	83
11/12/2009 23:00	2	1.3	2.9	167	-12.6	9.3	82
11/13/2009 0:00	3	1.0	2.2	193	-12.8	9.0	81
11/13/2009 1:00	12	1.4	3.1	176	-12.8	9.0	81
11/13/2009 2:00	3	1.0	2.2	182	-13.2	8.2	81
11/13/2009 3:00	15	1.3	2.9	165	-13.5	7.7	80
11/13/2009 4:00	15	0.9	2.0	186	-13.2	8.2	80
11/13/2009 5:00	-5	1.2	2.7	184	-13.6	7.5	79
11/13/2009 6:00	-3	1.1	2.5	148	-15.1	4.8	78
11/13/2009 7:00	12	0.9	2.0	183	-15.4	4.3	79
11/13/2009 8:00	3	1.2	2.7	170	-16.0	3.2	78
11/13/2009 9:00	16	1.2	2.7	181	-13.7	7.3	74
11/13/2009 10:00	4	1.9	4.3	175	-10.8	12.6	66
11/13/2009 11:00	-1	2.4	5.4	167	-7.4	18.7	62
11/13/2009 12:00	13	2.2	4.9	168	-4.6	23.7	55
11/13/2009 13:00	8	2.5	5.6	160	-3.3	26.1	54
11/13/2009 14:00	12	2.3	5.1	199	-1.7	28.9	50
11/13/2009 15:00	3	2.0	4.5	187	-1.0	30.2	47
11/13/2009 16:00	BA	3.3	7.4	214	-1.7	28.9	50
11/13/2009 17:00	10	2.5	5.6	195	-2.6	27.3	54
11/13/2009 18:00	-5	2.1	4.7	166	-4.2	24.4	60
11/13/2009 19:00	1	2.7	6.0	161	-4.5	23.9	60
11/13/2009 20:00	5	2.8	6.3	156	-6.0	21.2	64
11/13/2009 21:00	-4	2.5	5.6	164	-6.0	21.2	64
11/13/2009 22:00	13	2.9	6.5	156	-6.4	20.5	66
11/13/2009 23:00	0	2.5	5.6	155	-5.3	22.5	64
11/14/2009 0:00	5	1.4	3.1	189	-3.6	25.5	63
11/14/2009 1:00	-2	1.8	4.0	181	-4.2	24.4	66
11/14/2009 2:00	3	1.9	4.3	194	-4.0	24.8	66
11/14/2009 3:00	4	1.4	3.1	160	-4.7	23.5	66
11/14/2009 4:00	3	0.9	2.0	185	-5.5	22.1	68
11/14/2009 5:00	-5	1.3	2.9	182	-5.2	22.6	68
11/14/2009 6:00	9	1.0	2.2	186	-5.5	22.1	72
11/14/2009 7:00	14	0.6	1.3	190	-7.3	18.9	77
11/14/2009 8:00	6	0.7	1.6	200	-9.0	15.8	81
11/14/2009 9:00	8	0.7	1.6	177	-7.5	18.5	76
11/14/2009 10:00	17	0.8	1.8	154	-6.0	21.2	78
11/14/2009 11:00	5	0.9	2.0	180	-4.8	23.4	74
11/14/2009 12:00	7	1	2.2	247	-2.9	26.8	64
11/14/2009 13:00	8	2.5	5.6	29	-2.5	27.5	60
11/14/2009 14:00	-5	2.9	6.5	30	-2.8	27.0	60
11/14/2009 15:00	1	2.8	6.3	38	-2.9	26.8	58
11/14/2009 16:00	3	2.3	5.1	15	-3.6	25.5	59
11/14/2009 17:00	9	2.1	4.7	15	-4.3	24.3	57
11/14/2009 18:00	-5	1.1	2.5	269	-7.2	19.0	64
11/14/2009 19:00	19	1.0	2.2	178	-12.0	10.4	74
11/14/2009 20:00	12	1.0	2.2	214	-13.4	7.9	78
11/14/2009 21:00	1	1.0	2.2	190	-14.1	6.6	79
11/14/2009 22:00	29	1.2	2.7	177	-13.5	7.7	77
11/14/2009 23:00	-5	1.5	3.4	162	-13.5	7.7	75
11/15/2009 0:00	15	2.1	4.7	169	-10.2	13.6	65

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/15/2009 1:00	14	1.8	4.0	194	-10.4	13.3	68
11/15/2009 2:00	-5	1.9	4.3	201	-8.6	16.5	62
11/15/2009 3:00	11	3.0	6.7	209	-8.0	17.6	60
11/15/2009 4:00	-5	2.2	4.9	174	-10.5	13.1	65
11/15/2009 5:00	27	2.0	4.5	191	-10.2	13.6	64
11/15/2009 6:00	7	1.7	3.8	162	-11.4	11.5	68
11/15/2009 7:00	-5	2.2	4.9	160	-12.0	10.4	67
11/15/2009 8:00	23	2.0	4.5	175	-11.7	10.9	66
11/15/2009 9:00	-2	2.1	4.7	152	-9.9	14.2	60
11/15/2009 10:00	-2	1.8	4.0	181	-7.8	18.0	53
11/15/2009 11:00	2	2.3	5.1	172	-5.7	21.7	49
11/15/2009 12:00	0	1.5	3.4	192	-3.6	25.5	46
11/15/2009 13:00	-4	1.6	3.6	182	-1.1	30.0	43
11/15/2009 14:00	8	2.2	4.9	204	0.5	32.9	35
11/15/2009 15:00	3	2.2	4.9	204	1.3	34.3	34
11/15/2009 16:00	1	2	4.5	198	1.4	34.5	35
11/15/2009 17:00	3	1.7	3.8	200	0.4	32.7	39
11/15/2009 18:00	-1	1.3	2.9	183	-1.7	28.9	48
11/15/2009 19:00	6	1.9	4.3	172	-3.1	26.4	56
11/15/2009 20:00	-1	2.5	5.6	159	-2.6	27.3	54
11/15/2009 21:00	5	2.5	5.6	167	-2.9	26.8	58
11/15/2009 22:00	4	3.7	8.3	154	-3.0	26.6	59
11/15/2009 23:00	1	3.4	7.6	164	-3.3	26.1	59
11/16/2009 0:00	-1	3.1	6.9	168	-3.0	26.6	58
11/16/2009 1:00	3	3.2	7.2	161	-2.9	26.8	59
11/16/2009 2:00	7	3.4	7.6	161	-3.1	26.4	60
11/16/2009 3:00	-5	4.2	9.4	158	-3.1	26.4	61
11/16/2009 4:00	7	3.5	7.8	163	-3.3	26.1	62
11/16/2009 5:00	-5	3.0	6.7	163	-1.9	28.6	60
11/16/2009 6:00	-1	2.8	6.3	169	-0.4	31.3	57
11/16/2009 7:00	10	3.5	7.8	161	-0.6	30.9	59
11/16/2009 8:00	-5	4.3	9.6	146	-2.2	28.0	63
11/16/2009 9:00	5	4.6	10.3	148	-0.9	30.4	60
11/16/2009 10:00	5	4.5	10.1	146	0.4	32.7	57
11/16/2009 11:00	1	5.2	11.6	137	2.1	35.8	55
11/16/2009 12:00	21	3.8	8.5	145	3.2	37.8	55
11/16/2009 13:00	12	4.1	9.2	160	3.7	38.7	55
11/16/2009 14:00	18	4.0	8.9	162	5.0	41.0	50
11/16/2009 15:00	15	4	8.9	151	5.2	41.4	52
11/16/2009 16:00	17	3.3	7.4	157	5.3	41.5	53
11/16/2009 17:00	12	3.4	7.6	155	4.8	40.6	54
11/16/2009 18:00	3	3.7	8.3	161	4.8	40.6	54
11/16/2009 19:00	-4	5.1	11.4	144	3.3	37.9	55
11/16/2009 20:00	2	5.0	11.2	153	2.7	36.9	57
11/16/2009 21:00	1	4.2	9.4	155	2.2	36.0	58
11/16/2009 22:00	6	5.7	12.8	146	2.8	37.0	54
11/16/2009 23:00	3	5.7	12.8	148	2.6	36.7	53
11/17/2009 0:00	-5	5.8	13.0	141	2.4	36.3	51
11/17/2009 1:00	11	5.2	11.6	149	1.9	35.4	52
11/17/2009 2:00	2	3.3	7.4	154	1.3	34.3	53
11/17/2009 3:00	8	2.2	4.9	167	0.4	32.7	53
11/17/2009 4:00	2	3.8	8.5	145	1.9	35.4	48
11/17/2009 5:00	4	5.8	13.0	140	3.3	37.9	44
11/17/2009 6:00	10	5.7	12.8	148	3.7	38.7	43
11/17/2009 7:00	4	3.2	7.2	149	3.7	38.7	43
11/17/2009 8:00	10	1.8	4.0	165	3.0	37.4	45
11/17/2009 9:00	12	1.6	3.6	172	2.7	36.9	45
11/17/2009 10:00	3	1.2	2.7	180	3.6	38.5	42
11/17/2009 11:00	16	1.6	3.6	197	8.0	46.4	30
11/17/2009 12:00	6	1.5	3.4	135	10.0	50.0	26
11/17/2009 13:00	9	0.9	2.0	210	11.5	52.7	21
11/17/2009 14:00	15	3.2	7.2	159	10.4	50.7	28
11/17/2009 15:00	44	3.2	7.2	170	9.4	48.9	32
11/17/2009 16:00	16	2.6	5.8	192	9	48.2	34
11/17/2009 17:00	11	2.4	5.4	172	7.7	45.9	39
11/17/2009 18:00	10	2.3	5.1	181	6.6	43.9	41
11/17/2009 19:00	6	2.6	5.8	167	6.0	42.8	43
11/17/2009 20:00	11	2.3	5.1	168	4.7	40.5	45
11/17/2009 21:00	4	1.3	2.9	195	1.4	34.5	55
11/17/2009 22:00	8	1.2	2.7	192	1.7	35.1	52
11/17/2009 23:00	12	1.2	2.7	210	0.2	32.4	57
11/18/2009 0:00	2	1.1	2.5	209	0.1	32.2	57
11/18/2009 1:00	11	1.1	2.5	198	-0.2	31.6	58
11/18/2009 2:00	-2	1.0	2.2	206	0.7	33.3	54
11/18/2009 3:00	0	1.6	3.6	191	1.5	34.7	51
11/18/2009 4:00	8	1.6	3.6	205	1.4	34.5	51
11/18/2009 5:00	9	1.1	2.5	237	-2.5	27.5	65
11/18/2009 6:00	4	0.7	1.6	186	-3.6	25.5	70
11/18/2009 7:00	15	0.8	1.8	208	-2.6	27.3	70
11/18/2009 8:00	-5	0.9	2.0	275	-2.9	26.8	71
11/18/2009 9:00	39	1.1	2.5	321	-1.1	30.0	73
11/18/2009 10:00	6	4.1	9.2	10	0.1	32.2	74
11/18/2009 11:00	72	4.8	10.7	28	-0.2	31.6	76
11/18/2009 12:00	6	4.2	9.4	29	0.5	32.9	68
11/18/2009 13:00	12	3.9	8.7	19	0.5	32.9	68
11/18/2009 14:00	4	3.1	6.9	19	0.9	33.6	67

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/18/2009 15:00	1	1.8	4.0	7	1.2	34.2	64
11/18/2009 16:00	4	2.2	4.9	357	1.7	35.1	60
11/18/2009 17:00	6	3	6.7	19	0.5	32.9	63
11/18/2009 18:00	-5	1.4	3.1	319	-0.9	30.4	66
11/18/2009 19:00	10	1.1	2.5	257	-2.4	27.7	69
11/18/2009 20:00	1	1.2	2.7	232	-3.8	25.2	73
11/18/2009 21:00	6	0.8	1.8	216	-6.0	21.2	81
11/18/2009 22:00	0	0.9	2.0	220	-7.3	18.9	83
11/18/2009 23:00	13	0.9	2.0	198	-8.2	17.2	85
11/19/2009 0:00	17	0.9	2.0	185	-8.7	16.3	84
11/19/2009 1:00	-1	1	2.2	203	-8.6	16.5	84
11/19/2009 2:00	-1	1.3	2.9	221	-7.7	18.1	81
11/19/2009 3:00	12	1.7	3.8	245	-6.7	19.9	79
11/19/2009 4:00	-1	3.5	7.8	158	-6.0	21.2	77
11/19/2009 5:00	12	2.5	5.6	170	-5.9	21.4	75
11/19/2009 6:00	17	2.6	5.8	156	-5.5	22.1	72
11/19/2009 7:00	-5	3.5	7.8	150	-4.9	23.2	70
11/19/2009 8:00	7	3.4	7.6	158	-4.4	24.1	69
11/19/2009 9:00	16	3.5	7.8	157	-2.9	26.8	63
11/19/2009 10:00	19	4.2	9.4	139	-1	30.2	59
11/19/2009 11:00	34	3.1	6.9	161	1.3	34.3	55
11/19/2009 12:00	4	2.6	5.8	195	3.9	39.0	37
11/19/2009 13:00	13	2.7	6.0	204	5.0	41.0	32
11/19/2009 14:00	-2	3.1	6.9	210	5.9	42.6	32
11/19/2009 15:00	3	2.7	6.0	201	6.4	43.5	32
11/19/2009 16:00	0	2.5	5.6	205	6.0	42.8	35
11/19/2009 17:00	3	1.8	4.0	193	5.0	41.0	40
11/19/2009 18:00	3	1.6	3.6	190	3.7	38.7	44
11/19/2009 19:00	1	2.9	6.5	162	2.5	36.5	51
11/19/2009 20:00	22	3.4	7.6	158	2.3	36.1	52
11/19/2009 21:00	8	2.4	5.4	178	2.9	37.2	49
11/19/2009 22:00	-1	2.6	5.8	172	3.0	37.4	48
11/19/2009 23:00	3	3.6	8.1	157	3.8	38.8	45
11/20/2009 0:00	-5	3.4	7.6	158	2.0	35.6	53
11/20/2009 1:00	3	2.9	6.5	157	1.0	33.8	57
11/20/2009 2:00	3	2.6	5.8	154	1.5	34.7	54
11/20/2009 3:00	3	2.4	5.4	141	2.0	35.6	51
11/20/2009 4:00	-3	2.4	5.4	148	2.2	36.0	49
11/20/2009 5:00	3	2.5	5.6	166	2.2	36.0	48
11/20/2009 6:00	-4	2.6	5.8	166	2.4	36.3	47
11/20/2009 7:00	26	4.1	9.2	153	2.6	36.7	45
11/20/2009 8:00	20	4.3	9.6	155	2.1	35.8	45
11/20/2009 9:00	51	3.7	8.3	153	2.4	36.3	44
11/20/2009 10:00	46	4.3	9.6	152	3.9	39.0	37
11/20/2009 11:00	52	3.0	6.7	172	5.3	41.5	31
11/20/2009 12:00	61	3.8	8.5	151	6.8	44.2	27
11/20/2009 13:00	18	2.6	5.8	167	7.6	45.7	26
11/20/2009 14:00	29	3.6	8.1	145	7.8	46.0	25
11/20/2009 15:00	24	4.4	9.8	139	7.5	45.5	27
11/20/2009 16:00	27	4.2	9.4	136	7.0	44.6	29
11/20/2009 17:00	38	3.4	7.6	136	5.9	42.6	32
11/20/2009 18:00	8	3.9	8.7	130	4.9	40.8	34
11/20/2009 19:00	8	2.5	5.6	162	3.9	39.0	37
11/20/2009 20:00	16	2.0	4.5	153	3.3	37.9	39
11/20/2009 21:00	16	1.0	2.2	262	1.6	34.9	45
11/20/2009 22:00	-3	0.9	2.0	219	0.4	32.7	46
11/20/2009 23:00	17	0.9	2.0	161	1.2	34.2	43
11/21/2009 0:00	49	1.1	2.5	141	2.4	36.3	42
11/21/2009 1:00	240	3.7	8.3	225	3.8	38.8	42
11/21/2009 2:00	47	3.1	6.9	214	1.2	34.2	71
11/21/2009 3:00	3	5.5	12.3	237	1.3	34.3	73
11/21/2009 4:00	31	3.1	6.9	300	0.2	32.4	77
11/21/2009 5:00	-5	3.6	8.1	319	0.9	33.6	60
11/21/2009 6:00	1	1.7	3.8	296	-0.2	31.6	58
11/21/2009 7:00	5	1.7	3.8	243	-1.5	29.3	60
11/21/2009 8:00	-5	2.4	5.4	235	-2.2	28.0	64
11/21/2009 9:00	10	4.6	10.3	241	-0.9	30.4	61
11/21/2009 10:00	18	4.8	10.7	235	-0.3	31.5	58
11/21/2009 11:00	30	4.3	9.6	252	-1.2	29.8	64
11/21/2009 12:00	9	3.4	7.6	284	-0.5	31.1	55
11/21/2009 13:00	3	3.4	7.6	276	0.3	32.5	46
11/21/2009 14:00	7	4.6	10.3	268	0.2	32.4	38
11/21/2009 15:00	0	4.9	11.0	269	0.0	32.0	38
11/21/2009 16:00	0	3.0	6.7	272	-0.5	31.1	40
11/21/2009 17:00	3	1.8	4.0	284	-1.2	29.8	40
11/21/2009 18:00	-5	2.2	4.9	276	-2.6	27.3	42
11/21/2009 19:00	5	1.6	3.6	237	-4.3	24.3	48
11/21/2009 20:00	0	3.2	7.2	235	-4.4	24.1	49
11/21/2009 21:00	1	2.5	5.6	237	-5.0	23.0	54
11/21/2009 22:00	-2	2.5	5.6	225	-5.0	23.0	52
11/21/2009 23:00	0	3.4	7.6	211	-4.9	23.2	51
11/22/2009 0:00	-5	1.7	3.8	187	-5.1	22.8	53
11/22/2009 1:00	4	2.2	4.9	184	4.7	23.5	51
11/22/2009 2:00	5	2.6	5.8	160	-5.5	22.1	54
11/22/2009 3:00	0	2.6	5.8	156	-5.8	21.6	54

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/22/2009 4:00	0	2.2	4.9	164	-6.7	19.9	58
11/22/2009 5:00	-2	3.6	8.1	146	-7.3	18.9	60
11/22/2009 6:00	19	3.1	6.9	150	-7.4	18.7	59
11/22/2009 7:00	-5	3.1	6.9	152	-6.3	20.7	53
11/22/2009 8:00	3	2.5	5.6	168	-4.9	23.2	52
11/22/2009 9:00	13	1.7	3.8	199	-5.3	22.5	69
11/22/2009 10:00	13	2.5	5.6	167	-3.9	25.0	64
11/22/2009 11:00	15	2.8	6.3	164	-2.5	27.5	60
11/22/2009 12:00	9	3.0	6.7	151	-2.4	27.7	64
11/22/2009 13:00	6	3.1	6.9	144	-1.9	28.6	63
11/22/2009 14:00	7	2.4	5.4	177	-1.2	29.8	57
11/22/2009 15:00	0	2.2	4.9	189	-1.5	29.3	59
11/22/2009 16:00	8	2.4	5.4	205	-0.6	30.9	57
11/22/2009 17:00	-1	2.5	5.6	215	-1.2	29.8	59
11/22/2009 18:00	-4	2.5	5.6	211	-2.4	27.7	63
11/22/2009 19:00	0	3.1	6.9	218	-2.2	28.0	64
11/22/2009 20:00	4	2.0	4.5	217	-2.9	26.8	72
11/22/2009 21:00	5	2.4	5.4	217	-3.1	26.4	68
11/22/2009 22:00	8	1.3	2.9	165	-3.3	26.1	68
11/22/2009 23:00	2	1.3	2.9	137	-3.1	26.4	67
11/23/2009 0:00	0	1.6	3.6	213	-1.9	28.6	62
11/23/2009 1:00	1	1.3	2.9	213	-1.6	29.1	61
11/23/2009 2:00	1	1.0	2.2	169	-1.8	28.8	62
11/23/2009 3:00	0	0.8	1.8	192	-1.8	28.8	63
11/23/2009 4:00	5	0.6	1.3	272	-2.2	28.0	66
11/23/2009 5:00	-2	2.0	4.5	263	-1.5	29.3	61
11/23/2009 6:00	-3	3.0	6.7	270	-0.7	30.7	57
11/23/2009 7:00	-5	3.0	6.7	270	-0.9	30.4	57
11/23/2009 8:00	5	2.5	5.6	257	-1.0	30.2	60
11/23/2009 9:00	1	3.3	7.4	258	-0.7	30.7	56
11/23/2009 10:00	4	1.8	4.0	248	-0.5	31.1	55
11/23/2009 11:00	9	3.7	8.3	228	-0.1	31.8	56
11/23/2009 12:00	-1	4.0	8.9	236	0.3	32.5	56
11/23/2009 13:00	BA	4	8.9	236	1	33.8	53
11/23/2009 14:00	19	3.8	8.5	251	1.7	35.1	48
11/23/2009 15:00	1	2.9	6.5	257	1.2	34.2	48
11/23/2009 16:00	2	2.1	4.7	233	0.4	32.7	53
11/23/2009 17:00	6	1.5	3.4	227	-0.6	30.9	56
11/23/2009 18:00	-3	1.6	3.6	228	-1.7	28.9	59
11/23/2009 19:00	-5	2.0	4.5	237	-2.1	28.2	60
11/23/2009 20:00	27	4.1	9.2	232	-1.8	28.8	58
11/23/2009 21:00	8	4.5	10.1	223	-1.3	29.7	57
11/23/2009 22:00	20	1.9	4.3	170	-3.7	25.3	65
11/23/2009 23:00	20	1.4	3.1	181	-4.6	23.7	67
11/24/2009 0:00	9	1.4	3.1	154	-4.3	24.3	66
11/24/2009 1:00	19	1.7	3.8	162	-2.2	28.0	61
11/24/2009 2:00	2	2.0	4.5	151	-3.3	26.1	64
11/24/2009 3:00	6	2.2	4.9	152	-2.4	27.7	62
11/24/2009 4:00	6	2.3	5.1	172	-1.9	28.6	61
11/24/2009 5:00	5	1.9	4.3	165	-2.6	27.3	63
11/24/2009 6:00	6	1.8	4.0	175	-2.5	27.5	63
11/24/2009 7:00	9	2.0	4.5	178	-1.1	30.0	61
11/24/2009 8:00	5	2.2	4.9	184	-1.6	29.1	61
11/24/2009 9:00	-2	1.9	4.3	175	-1.4	29.5	59
11/24/2009 10:00	3	2.9	6.5	160	-0.6	30.9	58
11/24/2009 11:00	7	2.5	5.6	178	1.3	34.3	54
11/24/2009 12:00	15	4.2	9.4	206	2.3	36.1	51
11/24/2009 13:00	15	5.0	11.2	217	2.6	36.7	52
11/24/2009 14:00	11	3.9	8.7	221	2.9	37.2	53
11/24/2009 15:00	8	2.3	5.1	224	3.5	38.3	54
11/24/2009 16:00	5	2.2	4.9	215	4.1	39.4	53
11/24/2009 17:00	20	3.2	7.2	300	2.7	36.9	59
11/24/2009 18:00	3	1.8	4.0	3	0.7	33.3	66
11/24/2009 19:00	13	1.2	2.7	319	0.6	33.1	69
11/24/2009 20:00	-5	1.8	4.0	337	0.7	33.3	71
11/24/2009 21:00	7	1.3	2.9	319	-0.5	31.1	77
11/24/2009 22:00	22	0.6	1.3	267	-2.6	27.3	84
11/24/2009 23:00	-5	1.1	2.5	164	-3.8	25.2	85
11/25/2009 0:00	20	1.0	2.2	216	-2.5	27.5	84
11/25/2009 1:00	7	1.0	2.2	191	-2.5	27.5	84
11/25/2009 2:00	2	0.8	1.8	182	-3.3	26.1	86
11/25/2009 3:00	-5	1.5	3.4	168	-3.2	26.2	85
11/25/2009 4:00	6	1.7	3.8	155	-3.0	26.6	82
11/25/2009 5:00	7	1.6	3.6	170	-3.7	25.3	83
11/25/2009 6:00	-5	1.7	3.8	178	-4.2	24.4	83
11/25/2009 7:00	23	1.7	3.8	176	-3.2	26.2	82
11/25/2009 8:00	-5	1.3	2.9	191	-4.4	24.1	83
11/25/2009 9:00	19	1.4	3.1	180	-3.6	25.5	79
11/25/2009 10:00	-2	1.5	3.4	188	0.5	32.9	68
11/25/2009 11:00	9	2.4	5.4	167	3.2	37.8	62
11/25/2009 12:00	6	2.8	6.3	167	5.1	41.2	57
11/25/2009 13:00	7	2.2	4.9	180	7.4	45.3	50
11/25/2009 14:00	9	2.1	4.7	178	9.0	48.2	46
11/25/2009 15:00	5	2.0	4.5	177	9.2	48.6	46
11/25/2009 16:00	8	3.2	7.2	212	8.3	46.9	49
11/25/2009 17:00	4	3.3	7.4	219	7.9	46.2	50

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/25/2009 18:00	6	2.6	5.8	214	6.9	44.4	54
11/25/2009 19:00	4	3.1	6.9	213	6.3	43.3	55
11/25/2009 20:00	0	2.6	5.8	200	5.5	41.9	58
11/25/2009 21:00	7	1.9	4.3	179	4.4	39.9	61
11/25/2009 22:00	-4	1.8	4.0	180	2.7	36.9	66
11/25/2009 23:00	5	2.0	4.5	178	4.0	39.2	61
11/26/2009 0:00	0	2.6	5.8	164	3.1	37.6	63
11/26/2009 1:00	2	2.8	6.3	164	3.9	39.0	60
11/26/2009 2:00	3	2.3	5.1	179	4.0	39.2	59
11/26/2009 3:00	3	2.7	6.0	171	2.9	37.2	61
11/26/2009 4:00	0	3.1	6.9	161	2.5	36.5	61
11/26/2009 5:00	1	3.2	7.2	169	2.7	36.9	60
11/26/2009 6:00	13	2.9	6.5	171	2.8	37.0	59
11/26/2009 7:00	-5	2.6	5.8	185	4.2	39.6	54
11/26/2009 8:00	0	2.4	5.4	185	4.7	40.5	50
11/26/2009 9:00	4	2.3	5.1	202	5.1	41.2	47
11/26/2009 10:00	11	2.6	5.8	200	5.0	41.0	47
11/26/2009 11:00	6	2.5	5.6	184	5.8	42.4	43
11/26/2009 12:00	0	2.6	5.8	177	8.3	46.9	35
11/26/2009 13:00	7	2.9	6.5	207	10.2	50.4	29
11/26/2009 14:00	2	3.6	8.1	213	10.5	50.9	28
11/26/2009 15:00	10	3.0	6.7	210	11.0	51.8	27
11/26/2009 16:00	4	2.2	4.9	205	10.4	50.7	29
11/26/2009 17:00	7	1.5	3.4	204	8.7	47.7	34
11/26/2009 18:00	6	1.8	4.0	177	6.8	44.2	39
11/26/2009 19:00	9	2.0	4.5	173	5.2	41.4	45
11/26/2009 20:00	1	2.6	5.8	175	4.7	40.5	48
11/26/2009 21:00	20	2.5	5.6	176	3.7	38.7	52
11/26/2009 22:00	-3	2.7	6.0	178	2.9	37.2	54
11/26/2009 23:00	7	2.5	5.6	176	2.1	35.8	57
11/27/2009 0:00	-3	3.1	6.9	174	2.3	36.1	55
11/27/2009 1:00	6	2.8	6.3	169	1.7	35.1	57
11/27/2009 2:00	0	1.7	3.8	127	0.5	32.9	60
11/27/2009 3:00	-4	1.1	2.5	73	0.4	32.7	59
11/27/2009 4:00	2	2.0	4.5	179	0.8	33.4	58
11/27/2009 5:00	5	3.2	7.2	166	1.3	34.3	56
11/27/2009 6:00	-3	3.1	6.9	169	0.9	33.6	57
11/27/2009 7:00	1	3.5	7.8	161	1.2	34.2	55
11/27/2009 8:00	4	2.5	5.6	168	1.8	35.2	54
11/27/2009 9:00	5	2.5	5.6	158	4.3	39.7	49
11/27/2009 10:00	4	1.9	4.3	169	4.5	40.1	47
11/27/2009 11:00	BA	BA	BA	BA	BA	BA	BA
11/27/2009 12:00	BA	3.3	7.4	153	8.7	47.7	41
11/27/2009 13:00	14	2.5	5.6	128	6.7	44.1	43
11/27/2009 14:00	-1	3.3	7.4	6	3.7	38.7	61
11/27/2009 15:00	5	1.4	3.1	313	4.1	39.4	65
11/27/2009 16:00	4	1.0	2.2	335	3.9	39.0	69
11/27/2009 17:00	18	1.3	2.9	6	3.2	37.8	75
11/27/2009 18:00	9	1.0	2.2	337	2.0	35.6	81
11/27/2009 19:00	-5	1.0	2.2	319	1.1	34.0	86
11/27/2009 20:00	6	1.1	2.5	321	0.9	33.6	87
11/27/2009 21:00	4	1.5	3.4	12	0.9	33.6	86
11/27/2009 22:00	-5	2.3	5.1	2	0.7	33.3	86
11/27/2009 23:00	2	2.8	6.3	25	0.8	33.4	81
11/28/2009 0:00	4	1.3	2.9	347	0.7	33.3	77
11/28/2009 1:00	-5	1.3	2.9	340	-0.3	31.5	78
11/28/2009 2:00	2	1	2.2	298	-1.4	29.5	79
11/28/2009 3:00	-5	2.4	5.4	343	-0.8	30.6	73
11/28/2009 4:00	14	2.3	5.1	27	-1.4	29.5	74
11/28/2009 5:00	3	1.6	3.6	13	-2.4	27.7	74
11/28/2009 6:00	-5	1.9	4.3	347	-3.4	25.9	75
11/28/2009 7:00	9	2.0	4.5	342	-3.4	25.9	72
11/28/2009 8:00	4	1.3	2.9	222	-5.9	21.4	78
11/28/2009 9:00	11	0.8	1.8	175	-7.2	19.0	78
11/28/2009 10:00	7	1.1	2.5	131	-4.2	24.4	69
11/28/2009 11:00	7	0.7	1.6	149	-1.9	28.6	63
11/28/2009 12:00	-1	1.1	2.5	11	-0.6	30.9	58
11/28/2009 13:00	9	1.2	2.7	212	1.8	35.2	44
11/28/2009 14:00	-5	3.0	6.7	27	1.6	34.9	51
11/28/2009 15:00	6	2.5	5.6	22	1.6	34.9	50
11/28/2009 16:00	7	2.4	5.4	22	1.8	35.2	47
11/28/2009 17:00	3	2.2	4.9	4	0.3	32.5	53
11/28/2009 18:00	8	1.1	2.5	315	-1.5	29.3	59
11/28/2009 19:00	-5	1.0	2.2	312	-2.4	27.7	61
11/28/2009 20:00	17	0.9	2.0	160	-4.3	24.3	69
11/28/2009 21:00	13	0.9	2.0	184	-4.9	23.2	73
11/28/2009 22:00	12	1.1	2.5	161	-4.7	23.5	72
11/28/2009 23:00	4	1.1	2.5	246	-2.1	28.2	59
11/29/2009 0:00	2	1.0	2.2	298	-2.6	27.3	64
11/29/2009 1:00	10	0.6	1.3	205	-3.3	26.1	69
11/29/2009 2:00	17	0.9	2.0	169	-2.8	27.0	69
11/29/2009 3:00	1	1.2	2.7	186	-1.4	29.5	62
11/29/2009 4:00	-1	1.7	3.8	199	-1.3	29.7	63
11/29/2009 5:00	6	2	4.5	209	-1.2	29.8	64
11/29/2009 6:00	-1	3.2	7.2	225	-0.3	31.5	63

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/29/2009 7:00	-5	3.2	7.2	223	0.0	32.0	62
11/29/2009 8:00	25	2.6	5.8	276	0.2	32.4	63
11/29/2009 9:00	14	2.7	6.0	218	-0.4	31.3	65
11/29/2009 10:00	-5	2.8	6.3	247	1.0	33.8	61
11/29/2009 11:00	-3	2.2	4.9	331	1.4	34.5	61
11/29/2009 12:00	2	3.9	8.7	254	3.9	39.0	53
11/29/2009 13:00	2	4.6	10.3	266	5.0	41.0	50
11/29/2009 14:00	19	4.0	8.9	263	4.6	40.3	54
11/29/2009 15:00	-5	3.4	7.6	266	4.3	39.7	57
11/29/2009 16:00	4	2.7	6.0	274	4.4	39.9	56
11/29/2009 17:00	1	3.0	6.7	246	3.8	38.8	58
11/29/2009 18:00	-5	3.2	7.2	231	3.4	38.1	59
11/29/2009 19:00	2	2.9	6.5	225	3.0	37.4	61
11/29/2009 20:00	0	2.4	5.4	221	2.9	37.2	61
11/29/2009 21:00	-2	2.3	5.1	214	2.7	36.9	61
11/29/2009 22:00	2	2.3	5.1	209	2.4	36.3	61
11/29/2009 23:00	4	1.5	3.4	246	1.3	34.3	65
11/30/2009 0:00	1	1.7	3.8	224	-0.8	30.6	74
11/30/2009 1:00	9	2.0	4.5	190	0.9	33.6	66
11/30/2009 2:00	-5	1.7	3.8	160	0.5	32.9	66
11/30/2009 3:00	5	0.9	2.0	170	-0.6	30.9	69
11/30/2009 4:00	-3	0.8	1.8	99	-2.8	27.0	76
11/30/2009 5:00	27	1.3	2.9	144	-3.2	26.2	77
11/30/2009 6:00	6	1.5	3.4	160	-3.4	25.9	78
11/30/2009 7:00	-4	1.9	4.3	170	-2.3	27.9	74
11/30/2009 8:00	-5	2.4	5.4	163	-2.2	28.0	72
11/30/2009 9:00	11	2.5	5.6	165	-1.9	28.6	68
11/30/2009 10:00	14	3.0	6.7	164	0.4	32.7	60
11/30/2009 11:00	23	2.6	5.8	198	3.0	37.4	50
11/30/2009 12:00	5	3.4	7.6	208	4.5	40.1	43
11/30/2009 13:00	9	4.2	9.4	212	5.1	41.2	40
11/30/2009 14:00	18	4.9	11.0	220	6.4	43.5	35
11/30/2009 15:00	16	3.7	8.3	213	7.1	44.8	35
11/30/2009 16:00	BA	BA	BA	BA	6.8	44.2	35
11/30/2009 17:00	16	3.3	7.4	216	6.0	42.8	37
11/30/2009 18:00	4	2.0	4.5	195	4.6	40.3	41
11/30/2009 19:00	8	5.2	11.6	224	4.8	40.6	41
11/30/2009 20:00	-1	5.6	12.5	228	4.7	40.5	40
11/30/2009 21:00	8	5.9	13.2	230	4.1	39.4	41
11/30/2009 22:00	3	2.6	5.8	202	3.4	38.1	42
11/30/2009 23:00	2	1.6	3.6	117	2.6	36.7	45
12/1/2009 0:00	5	1.9	4.3	349	2.6	36.7	53

AM = Miscellaneous void

BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
November 2009

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/1/2009 1:00	5	4.3	9.6	267	7.5	45.5	AN
11/1/2009 2:00	7	1.3	2.9	201	5.4	41.7	AN
11/1/2009 3:00	7	0.9	2.0	113	2.8	37.0	AN
11/1/2009 4:00	2	1.3	2.9	21	2.4	36.3	AN
11/1/2009 5:00	-5	1.0	2.2	306	1.6	34.9	AN
11/1/2009 6:00	13	1.7	3.8	316	3.7	38.7	AN
11/1/2009 7:00	0	1.2	2.7	13	3.4	38.1	AN
11/1/2009 8:00	3	1.3	2.9	329	2.6	36.7	AN
11/1/2009 9:00	-5	1.3	2.9	355	4.1	39.4	AN
11/1/2009 10:00	4	2.0	4.5	53	6.2	43.2	AN
11/1/2009 11:00	6	2.0	4.5	38	5.8	42.4	AN
11/1/2009 12:00	-5	1.7	3.8	43	5.9	42.6	AN
11/1/2009 13:00	12	2.3	5.1	25	7.5	45.5	AN
11/1/2009 14:00	-5	1.9	4.3	37	7.5	45.5	AN
11/1/2009 15:00	6	3.8	8.5	286	8.5	47.3	AN
11/1/2009 16:00	0	3.2	7.2	297	7.6	45.7	AN
11/1/2009 17:00	0	1.7	3.8	343	4.9	40.8	AN
11/1/2009 18:00	-3	1.1	2.5	60	2.6	36.7	AN
11/1/2009 19:00	6	1.3	2.9	51	2.4	36.3	AN
11/1/2009 20:00	4	1.0	2.2	61	2.2	36.0	AN
11/1/2009 21:00	9	1.2	2.7	54	2.1	35.8	AN
11/1/2009 22:00	6	0.7	1.6	45	1.2	34.2	AN
11/1/2009 23:00	-5	0.9	2.0	215	-1.9	28.6	AN
11/2/2009 0:00	4	1.2	2.7	207	-3.9	25.0	AN
11/2/2009 1:00	3	0.7	1.6	146	-5	23.0	AN
11/2/2009 2:00	2	0.7	1.6	147	-5.9	21.4	AN
11/2/2009 3:00	17	0.9	2.0	154	-6.2	20.8	AN
11/2/2009 4:00	8	0.6	1.3	135	-7.2	19.0	AN
11/2/2009 5:00	-2	1.0	2.2	199	-7.3	18.9	AN
11/2/2009 6:00	-4	0.9	2.0	185	-7.0	19.4	AN
11/2/2009 7:00	5	1.1	2.5	209	-7.4	18.7	AN
11/2/2009 8:00	-5	1.1	2.5	154	-7.3	18.9	AN
11/2/2009 9:00	20	1.7	3.8	211	-4.1	24.6	AN
11/2/2009 10:00	9	1.7	3.8	170	-0.7	30.7	AN
11/2/2009 11:00	7	2.5	5.6	175	3.2	37.8	AN
11/2/2009 12:00	7	3.1	6.9	162	6.5	43.7	AN
11/2/2009 13:00	5	3.4	7.6	174	8.0	46.4	AN
11/2/2009 14:00	0	3.3	7.4	179	9.2	48.6	AN
11/2/2009 15:00	-3	3.1	6.9	171	9.3	48.7	AN
11/2/2009 16:00	6	2.7	6.0	177	9.2	48.6	AN
11/2/2009 17:00	-5	3.2	7.2	185	8.4	47.1	AN
11/2/2009 18:00	27	2.3	5.1	310	4.0	39.2	AN
11/2/2009 19:00	1	1.1	2.5	335	-0.6	30.9	AN
11/2/2009 20:00	-5	0.7	1.6	273	-3.5	25.7	AN
11/2/2009 21:00	-2	0.8	1.8	187	-3.6	25.5	AN
11/2/2009 22:00	26	0.9	2.0	153	-3.0	26.6	AN
11/2/2009 23:00	-3	0.7	1.6	289	-3.6	25.5	AN
11/3/2009 0:00	-3	0.8	1.8	267	-6.3	20.7	AN
11/3/2009 1:00	1	1.0	2.2	358	-6.6	20.1	AN
11/3/2009 2:00	4	1.1	2.5	191	-5.6	21.9	AN
11/3/2009 3:00	12	0.9	2.0	3	-5.4	22.3	AN
11/3/2009 4:00	14	1	2.2	269	-6	21.2	AN
11/3/2009 5:00	5	1.1	2.5	143	-4.2	24.4	AN
11/3/2009 6:00	-1	1.6	3.6	200	-1	30.2	AN
11/3/2009 7:00	3	2.2	4.9	213	0.4	32.7	AN
11/3/2009 8:00	2	1.0	2.2	19	-2.9	26.8	AN
11/3/2009 9:00	13	0.7	1.6	315	-1.2	29.8	AN
11/3/2009 10:00	-5	1.0	2.2	6	2.7	36.9	AN
11/3/2009 11:00	17	1.7	3.8	20	6.4	43.5	AN
11/3/2009 12:00	6	1.9	4.3	23	7.7	45.9	AN
11/3/2009 13:00	9	1.7	3.8	21	8.2	46.8	AN
11/3/2009 14:00	26	1.4	3.1	36	8.9	48.0	AN
11/3/2009 15:00	8	1.4	3.1	20	9.5	49.1	AN
11/3/2009 16:00	7	1.5	3.4	19	8.4	47.1	AN
11/3/2009 17:00	6	1.2	2.7	18	6.2	43.2	AN
11/3/2009 18:00	3	0.7	1.6	337	1.0	33.8	AN
11/3/2009 19:00	1	0.7	1.6	246	-3.7	25.3	AN
11/3/2009 20:00	-3	1.1	2.5	162	-1.6	29.1	AN
11/3/2009 21:00	4	0.9	2.0	177	-2.1	28.2	AN
11/3/2009 22:00	14	1.1	2.5	135	-3.7	25.3	AN
11/3/2009 23:00	11	1.2	2.7	160	-3.0	26.6	AN
11/4/2009 0:00	8	1.2	2.7	188	-3.4	25.9	AN
11/4/2009 1:00	6	0.8	1.8	95	-4.3	24.3	AN
11/4/2009 2:00	-4	0.9	2.0	180	-5.5	22.1	AN
11/4/2009 3:00	1	1	2.2	180	-4.4	24.1	AN
11/4/2009 4:00	3	0.5	1.1	348	-6.5	20.3	AN
11/4/2009 5:00	19	0.8	1.8	88	-4.8	23.4	AN
11/4/2009 6:00	15	0.9	2.0	111	-3.7	25.3	AN
11/4/2009 7:00	10	1.3	2.9	108	-2.6	27.3	AN
11/4/2009 8:00	-3	1.1	2.5	127	-2.1	28.2	AN

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/4/2009 9:00	1	1.3	2.9	181	1.9	35.4	AN
11/4/2009 10:00	14	1.0	2.2	32	2.5	36.5	AN
11/4/2009 11:00	17	1.4	3.1	27	5.6	42.1	AN
11/4/2009 12:00	10	1.4	3.1	16	7.9	46.2	AN
11/4/2009 13:00	19	1.4	3.1	30	10.9	51.6	AN
11/4/2009 14:00	18	1.4	3.1	15	13.1	55.6	AN
11/4/2009 15:00	12	1.4	3.1	17	14.2	57.6	AN
11/4/2009 16:00	17	1.6	3.6	35	13.4	56.1	AN
11/4/2009 17:00	18	1.2	2.7	358	10.1	50.2	AN
11/4/2009 18:00	7	1.0	2.2	297	4.3	39.7	AN
11/4/2009 19:00	17	0.6	1.3	248	-1.3	29.7	AN
11/4/2009 20:00	5	0.6	1.3	226	-2.3	27.9	AN
11/4/2009 21:00	15	0.9	2.0	209	0.7	33.3	AN
11/4/2009 22:00	-1	2.7	6.0	232	4.6	40.3	AN
11/4/2009 23:00	15	2.3	5.1	232	5.1	41.2	AN
11/5/2009 0:00	16	2.1	4.7	252	4.6	40.3	AN
11/5/2009 1:00	-5	2.4	5.4	239	5.0	41.0	AN
11/5/2009 2:00	7	2.4	5.4	190	6.1	43.0	AN
11/5/2009 3:00	3	4.2	9.4	200	6.5	43.7	AN
11/5/2009 4:00	3	3.7	8.3	204	6.6	43.9	AN
11/5/2009 5:00	3	3.7	8.3	216	5.7	42.3	AN
11/5/2009 6:00	8	3.7	8.3	222	5.7	42.3	AN
11/5/2009 7:00	4	4.2	9.4	206	5.2	41.4	AN
11/5/2009 8:00	-4	3.2	7.2	202	4.6	40.3	AN
11/5/2009 9:00	4	3.2	7.2	175	10.8	51.4	AN
11/5/2009 10:00	7	3.9	8.7	150	14.4	57.9	AN
11/5/2009 11:00	14	4.0	8.9	172	15.2	59.4	AN
11/5/2009 12:00	6	4.2	9.4	189	15.9	60.6	AN
11/5/2009 13:00	-5	4.9	11.0	201	16.3	61.3	AN
11/5/2009 14:00	18	4.9	11.0	205	18.3	64.9	AN
11/5/2009 15:00	5	4.5	10.1	206	17.0	62.6	AN
11/5/2009 16:00	9	4.0	8.9	202	17.1	62.8	AN
11/5/2009 17:00	0	3.2	7.2	193	15.3	59.5	AN
11/5/2009 18:00	0	3.2	7.2	195	13.7	56.7	AN
11/5/2009 19:00	0	2.2	4.9	181	10.4	50.7	AN
11/5/2009 20:00	6	2.5	5.6	179	10.1	50.2	AN
11/5/2009 21:00	4	2.8	6.3	161	11.8	53.2	AN
11/5/2009 22:00	2	2.0	4.5	176	10.0	50.0	AN
11/5/2009 23:00	12	2.0	4.5	169	10.4	50.7	AN
11/6/2009 0:00	-5	1.4	3.1	126	8.2	46.8	AN
11/6/2009 1:00	3	1.5	3.4	113	9.5	49.1	AN
11/6/2009 2:00	4	2.2	4.9	179	8.0	46.4	AN
11/6/2009 3:00	3	2.7	6.0	178	8.9	48.0	AN
11/6/2009 4:00	4	2.8	6.3	183	9.0	48.2	AN
11/6/2009 5:00	11	3.1	6.9	194	9.5	49.1	AN
11/6/2009 6:00	39	5.8	13.0	222	11.0	51.8	AN
11/6/2009 7:00	12	4.9	11.0	227	9.3	48.7	AN
11/6/2009 8:00	5	2.7	6.0	188	7.8	46.0	AN
11/6/2009 9:00	7	4.9	11.0	213	10.5	50.9	AN
11/6/2009 10:00	0	6.2	13.9	242	8.4	47.1	AN
11/6/2009 11:00	10	3.8	8.5	255	4.3	39.7	AN
11/6/2009 12:00	8	6.3	14.1	260	5.6	42.1	AN
11/6/2009 13:00	5	6.6	14.8	269	7.1	44.8	AN
11/6/2009 14:00	4	6.0	13.4	263	8.0	46.4	AN
11/6/2009 15:00	2	6.3	14.1	264	8	46.4	AN
11/6/2009 16:00	-4	5.0	11.2	271	6.4	43.5	AN
11/6/2009 17:00	4	4.1	9.2	278	5.4	41.7	AN
11/6/2009 18:00	1	2.3	5.1	259	4.4	39.9	AN
11/6/2009 19:00	6	2.0	4.5	251	2.7	36.9	AN
11/6/2009 20:00	-3	1.8	4.0	204	2.1	35.8	AN
11/6/2009 21:00	-5	2.3	5.1	252	2.0	35.6	AN
11/6/2009 22:00	5	3.4	7.6	239	2.9	37.2	AN
11/6/2009 23:00	-1	1.9	4.3	231	0.6	33.1	AN
11/7/2009 0:00	13	2.4	5.4	218	1.0	33.8	AN
11/7/2009 1:00	-5	3.0	6.7	236	1.5	34.7	AN
11/7/2009 2:00	-2	2.1	4.7	233	1.4	34.5	AN
11/7/2009 3:00	0	1.9	4.3	216	1.4	34.5	AN
11/7/2009 4:00	-2	1.4	3.1	173	0.8	33.4	AN
11/7/2009 5:00	3	1.1	2.5	158	-1.8	28.8	AN
11/7/2009 6:00	-3	0.8	1.8	161	-1.7	28.9	AN
11/7/2009 7:00	5	1.3	2.9	159	-2.5	27.5	AN
11/7/2009 8:00	-1	1.2	2.7	169	-3.4	25.9	AN
11/7/2009 9:00	6	1.3	2.9	163	-1.5	29.3	AN
11/7/2009 10:00	-5	2.0	4.5	156	3.1	37.6	AN
11/7/2009 11:00	13	2.0	4.5	142	5.8	42.4	AN
11/7/2009 12:00	-5	1.4	3.1	99	5.7	42.3	AN
11/7/2009 13:00	12	2.0	4.5	299	7.6	45.7	AN
11/7/2009 14:00	-5	3.6	8.1	271	7.2	45.0	AN
11/7/2009 15:00	-1	2.7	6.0	271	8.5	47.3	AN
11/7/2009 16:00	17	3.4	7.6	286	8.6	47.5	AN
11/7/2009 17:00	-5	2.8	6.3	285	5.5	41.9	AN
11/7/2009 18:00	1	1	2.2	275	1.6	34.9	AN
11/7/2009 19:00	4	0.6	1.3	207	1.0	33.8	AN
11/7/2009 20:00	8	0.8	1.8	87	0.3	32.5	AN
11/7/2009 21:00	1	0.5	1.1	206	-2.6	27.3	AN
11/7/2009 22:00	5	0.6	1.3	73	-3.1	26.4	AN

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/7/2009 23:00	-5	1.4	3.1	223	-2.4	27.7	AN
11/8/2009 0:00	6	1.6	3.6	193	-1.4	29.5	AN
11/8/2009 1:00	3	2.0	4.5	211	-0.5	31.1	AN
11/8/2009 2:00	2	1.9	4.3	176	0.0	32.0	AN
11/8/2009 3:00	4	3.0	6.7	192	1.2	34.2	AN
11/8/2009 4:00	0	4.2	9.4	200	1.5	34.7	AN
11/8/2009 5:00	11	4.0	8.9	222	1.0	33.8	AN
11/8/2009 6:00	5	3.2	7.2	209	0.5	32.9	AN
11/8/2009 7:00	-4	2.4	5.4	203	0.3	32.5	AN
11/8/2009 8:00	0	1.2	2.7	169	-0.8	30.6	AN
11/8/2009 9:00	2	1.9	4.3	207	0.2	32.4	AN
11/8/2009 10:00	1	2.1	4.7	200	2.1	35.8	AN
11/8/2009 11:00	1	2.1	4.7	151	3.5	38.3	AN
11/8/2009 12:00	-1	1.8	4.0	175	4.3	39.7	AN
11/8/2009 13:00	-5	2.1	4.7	195	6.0	42.8	AN
11/8/2009 14:00	9	1.9	4.3	265	7.3	45.1	AN
11/8/2009 15:00	-5	2.2	4.9	256	5.9	42.6	AN
11/8/2009 16:00	2	2.2	4.9	262	7.6	45.7	AN
11/8/2009 17:00	11	0.9	2.0	266	5.5	41.9	AN
11/8/2009 18:00	-5	0.5	1.1	107	-0.4	31.3	AN
11/8/2009 19:00	-5	0.8	1.8	176	-3.0	26.6	AN
11/8/2009 20:00	-4	1.1	2.5	154	-3.0	26.6	AN
11/8/2009 21:00	13	0.6	1.3	333	-6.3	20.7	AN
11/8/2009 22:00	-5	0.8	1.8	67	-5.6	21.9	AN
11/8/2009 23:00	15	1.3	2.9	167	-3.2	26.2	AN
11/9/2009 0:00	7	1.3	2.9	170	-3.8	25.2	AN
11/9/2009 1:00	6	1.4	3.1	184	-3.8	25.2	AN
11/9/2009 2:00	0	1.5	3.4	173	-4.5	23.9	AN
11/9/2009 3:00	-3	1.6	3.6	193	-4.7	23.5	AN
11/9/2009 4:00	-5	1.2	2.7	145	-5.9	21.4	AN
11/9/2009 5:00	16	1.1	2.5	145	-6.9	19.6	AN
11/9/2009 6:00	-5	1.1	2.5	192	-7.0	19.4	AN
11/9/2009 7:00	13	2.0	4.5	197	-5.5	22.1	AN
11/9/2009 8:00	2	1.2	2.7	202	-5.6	21.9	AN
11/9/2009 9:00	-5	2.5	5.6	216	-2.4	27.7	AN
11/9/2009 10:00	-2	2.3	5.1	186	3.0	37.4	AN
11/9/2009 11:00	7	3.8	8.5	156	6.3	43.3	AN
11/9/2009 12:00	-3	4.3	9.6	160	7.8	46.0	AN
11/9/2009 13:00	1	4.7	10.5	155	8.6	47.5	AN
11/9/2009 14:00	1	4.7	10.5	154	9.6	49.3	AN
11/9/2009 15:00	6	4.0	8.9	156	10.1	50.2	AN
11/9/2009 16:00	7	3.1	6.9	156	10.1	50.2	AN
11/9/2009 17:00	-5	2.6	5.8	178	8.4	47.1	AN
11/9/2009 18:00	-2	3.2	7.2	174	6.9	44.4	AN
11/9/2009 19:00	1	2.2	4.9	177	4.8	40.6	AN
11/9/2009 20:00	3	2.2	4.9	187	4.5	40.1	AN
11/9/2009 21:00	6	2.1	4.7	185	4.6	40.3	AN
11/9/2009 22:00	-4	2.4	5.4	190	4.1	39.4	AN
11/9/2009 23:00	0	2.6	5.8	167	3.8	38.8	AN
11/10/2009 0:00	3	2.2	4.9	164	2	35.6	AN
11/10/2009 1:00	-3	2.1	4.7	165	1.3	34.3	AN
11/10/2009 2:00	-1	2.4	5.4	167	0.9	33.6	AN
11/10/2009 3:00	5	2.6	5.8	181	2.0	35.6	AN
11/10/2009 4:00	3	2.2	4.9	175	3.1	37.6	AN
11/10/2009 5:00	2	2.6	5.8	171	4.5	40.1	AN
11/10/2009 6:00	0	2.3	5.1	167	4.6	40.3	AN
11/10/2009 7:00	-3	2.5	5.6	181	4.9	40.8	AN
11/10/2009 8:00	7	2.7	6.0	181	4.6	40.3	AN
11/10/2009 9:00	3	2.7	6.0	180	5.1	41.2	AN
11/10/2009 10:00	2	3.0	6.7	189	7.5	45.5	AN
11/10/2009 11:00	18	4.3	9.6	195	9.6	49.3	AN
11/10/2009 12:00	10	5.6	12.5	208	10.7	51.3	AN
11/10/2009 13:00	9	5.5	12.3	209	11.4	52.5	AN
11/10/2009 14:00	3	4.1	9.2	225	11.5	52.7	AN
11/10/2009 15:00	8	4.7	10.5	222	11.0	51.8	AN
11/10/2009 16:00	4	3.5	7.8	218	11.0	51.8	AN
11/10/2009 17:00	4	1.2	2.7	193	7.8	46.0	AN
11/10/2009 18:00	-1	1.3	2.9	50	3.7	38.7	AN
11/10/2009 19:00	-1	1.6	3.6	342	1.4	34.5	AN
11/10/2009 20:00	-2	0.8	1.8	303	-1.8	28.8	AN
11/10/2009 21:00	25	0.7	1.6	138	-3.1	26.4	AN
11/10/2009 22:00	-5	0.7	1.6	278	-5.7	21.7	AN
11/10/2009 23:00	10	0.6	1.3	180	-6.1	21.0	AN
11/11/2009 0:00	4	0.9	2.0	134	-6.4	20.5	AN
11/11/2009 1:00	6	1.0	2.2	156	-6.1	21.0	AN
11/11/2009 2:00	4	1.4	3.1	209	-4.3	24.3	AN
11/11/2009 3:00	9	1.7	3.8	245	-3	26.6	AN
11/11/2009 4:00	15	1.1	2.5	179	-3.3	26.1	AN
11/11/2009 5:00	12	2.5	5.6	196	-0.5	31.1	AN
11/11/2009 6:00	-1	2.9	6.5	173	1.6	34.9	AN
11/11/2009 7:00	-5	3.1	6.9	180	1.8	35.2	AN
11/11/2009 8:00	17	4.2	9.4	188	3.5	38.3	AN
11/11/2009 9:00	9	3.3	7.4	173	3.4	38.1	AN
11/11/2009 10:00	5	2.8	6.3	183	3.9	39.0	AN
11/11/2009 11:00	10	3.3	7.4	170	4.1	39.4	AN

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/11/2009 12:00	8	2.9	6.5	188	4.9	40.8	AN
11/11/2009 13:00	11	2.9	6.5	205	5.7	42.3	AN
11/11/2009 14:00	10	2.6	5.8	203	6.0	42.8	AN
11/11/2009 15:00	7	2.6	5.8	199	5.6	42.1	AN
11/11/2009 16:00	8	2.3	5.1	214	5.1	41.2	AN
11/11/2009 17:00	4	1.8	4.0	177	4.2	39.6	AN
11/11/2009 18:00	11	1.7	3.8	187	3.7	38.7	AN
11/11/2009 19:00	-5	0.6	1.3	130	2.9	37.2	AN
11/11/2009 20:00	16	1.7	3.8	13	0.5	32.9	AN
11/11/2009 21:00	-1	0.9	2.0	28	-0.5	31.1	AN
11/11/2009 22:00	7	0.6	1.3	16	-0.6	30.9	AN
11/11/2009 23:00	7	0.6	1.3	15	-0.8	30.6	AN
11/12/2009 0:00	5	0.8	1.8	25	-1.0	30.2	AN
11/12/2009 1:00	0	0.7	1.6	41	-1.4	29.5	AN
11/12/2009 2:00	12	AM	AM	AM	-1.4	29.5	AN
11/12/2009 3:00	5	AM	AM	AM	-1.7	28.9	AN
11/12/2009 4:00	15	AM	AM	AM	-1.7	28.9	AN
11/12/2009 5:00	-5	AM	AM	AM	-1.8	28.8	AN
11/12/2009 6:00	8	AM	AM	AM	-1.9	28.6	AN
11/12/2009 7:00	-1	AM	AM	AM	-2.1	28.2	AN
11/12/2009 8:00	10	AM	AM	AM	-2.4	27.7	AN
11/12/2009 9:00	6	AM	AM	AM	-2.4	27.7	AN
11/12/2009 10:00	16	AM	AM	AM	-1.6	29.1	AN
11/12/2009 11:00	-5	AM	AM	AM	-1.1	30.0	AN
11/12/2009 12:00	16	0.8	1.8	39	-0.8	30.6	AN
11/12/2009 13:00	-1	1.1	2.5	47	-0.8	30.6	AN
11/12/2009 14:00	3	0.5	1.1	41	-0.9	30.4	AN
11/12/2009 15:00	3	0.7	1.6	52	-0.9	30.4	AN
11/12/2009 16:00	5	0.9	2.0	51	-1.1	30.0	AN
11/12/2009 17:00	2	0.8	1.8	46	-2.3	27.9	AN
11/12/2009 18:00	4	1.0	2.2	312	-4.4	24.1	AN
11/12/2009 19:00	12	0.6	1.3	264	-7.2	19.0	AN
11/12/2009 20:00	-5	0.9	2.0	225	-10.5	13.1	AN
11/12/2009 21:00	-1	1.1	2.5	181	-10.8	12.6	AN
11/12/2009 22:00	19	1.2	2.7	188	-11.4	11.5	AN
11/12/2009 23:00	-5	1.3	2.9	202	-12.1	10.2	AN
11/13/2009 0:00	0	1.7	3.8	194	-12.3	9.9	AN
11/13/2009 1:00	-1	1.4	3.1	210	-12.3	9.9	AN
11/13/2009 2:00	12	1.7	3.8	199	-13.0	8.6	AN
11/13/2009 3:00	5	2.2	4.9	203	-13.1	8.4	AN
11/13/2009 4:00	2	2.0	4.5	195	-13.0	8.6	AN
11/13/2009 5:00	1	2.4	5.4	201	-13.3	8.1	AN
11/13/2009 6:00	-4	1.4	3.1	229	-14.3	6.3	AN
11/13/2009 7:00	11	1.2	2.7	229	-15.4	4.3	AN
11/13/2009 8:00	4	0.9	2.0	198	-16.0	3.2	AN
11/13/2009 9:00	6	1	2.2	194	-14.4	6.1	AN
11/13/2009 10:00	7	1.4	3.1	166	-10.2	13.6	AN
11/13/2009 11:00	7	1.7	3.8	232	-6.7	19.9	AN
11/13/2009 12:00	-3	2.6	5.8	211	-4	24.8	AN
11/13/2009 13:00	9	3.7	8.3	185	-2.6	27.3	AN
11/13/2009 14:00	7	3.9	8.7	186	-1.8	28.8	AN
11/13/2009 15:00	-5	3.8	8.5	178	-1.4	29.5	AN
11/13/2009 16:00	14	3.7	8.3	176	-1.5	29.3	54
11/13/2009 17:00	0	3.7	8.3	175	-2.4	27.7	56
11/13/2009 18:00	-3	3.8	8.5	174	-3.2	26.2	58
11/13/2009 19:00	-1	2.8	6.3	179	-4.0	24.8	60
11/13/2009 20:00	5	3.2	7.2	174	-4.0	24.8	61
11/13/2009 21:00	-5	2.6	5.8	186	-4.6	23.7	60
11/13/2009 22:00	1	2.5	5.6	188	-4.2	24.4	60
11/13/2009 23:00	5	3.0	6.7	194	-3.9	25.0	60
11/14/2009 0:00	-5	3.1	6.9	198	-3.2	26.2	63
11/14/2009 1:00	3	3.2	7.2	191	-3.3	26.1	64
11/14/2009 2:00	2	2.5	5.6	176	-3.8	25.2	67
11/14/2009 3:00	-3	2.0	4.5	182	-4.1	24.6	67
11/14/2009 4:00	1	1.5	3.4	166	-4.7	23.5	70
11/14/2009 5:00	8	1.2	2.7	263	-4.7	23.5	68
11/14/2009 6:00	-1	0.6	1.3	350	-5.0	23.0	71
11/14/2009 7:00	15	0.7	1.6	250	-6.8	19.8	79
11/14/2009 8:00	-4	0.6	1.3	241	-7.5	18.5	80
11/14/2009 9:00	5	1.3	2.9	195	-6.2	20.8	75
11/14/2009 10:00	4	1.1	2.5	263	-4.6	23.7	73
11/14/2009 11:00	0	1.0	2.2	324	-3.1	26.4	68
11/14/2009 12:00	4	1.2	2.7	22	-1.3	29.7	58
11/14/2009 13:00	7	1.5	3.4	47	-1.7	28.9	58
11/14/2009 14:00	-5	1.6	3.6	53	-2.0	28.4	57
11/14/2009 15:00	6	1.6	3.6	48	-0.8	30.6	52
11/14/2009 16:00	8	1.3	2.9	41	-1.7	28.9	53
11/14/2009 17:00	1	1.0	2.2	46	-3.3	26.1	54
11/14/2009 18:00	4	0.9	2.0	340	-7.3	18.9	67
11/14/2009 19:00	-5	0.8	1.8	233	-10.8	12.6	76
11/14/2009 20:00	2	1.1	2.5	151	-12.1	10.2	76
11/14/2009 21:00	15	1.5	3.4	178	-12.0	10.4	75
11/14/2009 22:00	-5	1.8	4.0	175	-13.0	8.6	76
11/14/2009 23:00	16	2.1	4.7	185	-11.5	11.3	71
11/15/2009 0:00	-5	2.6	5.8	196	-11.0	12.2	69

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/15/2009 1:00	7	2.9	6.5	198	-10.4	13.3	67
11/15/2009 2:00	-4	1.9	4.3	215	-9.3	15.3	65
11/15/2009 3:00	8	3.0	6.7	192	-9.4	15.1	65
11/15/2009 4:00	3	2.7	6.0	187	-10.3	13.5	66
11/15/2009 5:00	7	2.7	6.0	197	-10.6	12.9	66
11/15/2009 6:00	-5	1.4	3.1	153	-12.7	9.1	70
11/15/2009 7:00	9	1.3	2.9	282	-12.7	9.1	73
11/15/2009 8:00	11	2.0	4.5	245	-11.5	11.3	66
11/15/2009 9:00	-5	1.4	3.1	235	-8.8	16.2	61
11/15/2009 10:00	-1	1.2	2.7	306	-6.5	20.3	56
11/15/2009 11:00	4	2.5	5.6	186	-4.0	24.8	49
11/15/2009 12:00	-1	2.8	6.3	205	-1.6	29.1	45
11/15/2009 13:00	1	2.5	5.6	192	0.0	32.0	44
11/15/2009 14:00	2	3.2	7.2	192	1.3	34.3	41
11/15/2009 15:00	-1	2.9	6.5	190	2.1	35.8	41
11/15/2009 16:00	3	3.1	6.9	193	2	35.6	41
11/15/2009 17:00	2	1.9	4.3	220	0.3	32.5	48
11/15/2009 18:00	-5	1.8	4.0	228	-2.6	27.3	55
11/15/2009 19:00	-1	2.7	6.0	193	-1.7	28.9	54
11/15/2009 20:00	6	3.1	6.9	174	-0.4	31.3	51
11/15/2009 21:00	1	3.2	7.2	174	-1.3	29.7	55
11/15/2009 22:00	-4	3.3	7.4	171	-0.9	30.4	54
11/15/2009 23:00	-1	3.7	8.3	171	-0.1	31.8	51
11/16/2009 0:00	-4	3.7	8.3	166	0.1	32.2	51
11/16/2009 1:00	7	2.9	6.5	170	-0.4	31.3	54
11/16/2009 2:00	-2	3.3	7.4	168	-1.2	29.8	59
11/16/2009 3:00	3	3.4	7.6	170	0.5	32.9	55
11/16/2009 4:00	-5	3.2	7.2	183	-0.1	31.8	57
11/16/2009 5:00	2	3.2	7.2	183	-0.5	31.1	59
11/16/2009 6:00	6	3.8	8.5	170	0.2	32.4	59
11/16/2009 7:00	2	4.0	8.9	180	1.1	34.0	59
11/16/2009 8:00	-2	4.5	10.1	166	1.7	35.1	60
11/16/2009 9:00	18	4.5	10.1	167	2.3	36.1	58
11/16/2009 10:00	11	4.3	9.6	161	4.2	39.6	55
11/16/2009 11:00	8	4.6	10.3	156	6.2	43.2	51
11/16/2009 12:00	1	4.8	10.7	153	6.6	43.9	50
11/16/2009 13:00	-2	4.8	10.7	153	6.2	43.2	51
11/16/2009 14:00	-5	4.9	11.0	151	7.4	45.3	49
11/16/2009 15:00	6	4.6	10.3	171	8.6	47.5	46
11/16/2009 16:00	-2	4.2	9.4	173	8.2	46.8	47
11/16/2009 17:00	2	3.9	8.7	169	7.7	45.9	47
11/16/2009 18:00	0	4.7	10.5	156	6.6	43.9	50
11/16/2009 19:00	-5	5.3	11.9	146	5.6	42.1	52
11/16/2009 20:00	-2	5.2	11.6	149	5.9	42.6	50
11/16/2009 21:00	-1	6.2	13.9	143	5.5	41.9	49
11/16/2009 22:00	11	6.2	13.9	144	5.4	41.7	48
11/16/2009 23:00	-4	6.5	14.5	147	4.6	40.3	48
11/17/2009 0:00	-1	6.3	14.1	149	5.0	41.0	45
11/17/2009 1:00	0	5.9	13.2	144	4.9	40.8	43
11/17/2009 2:00	6	6.6	14.8	141	4.6	40.3	42
11/17/2009 3:00	8	5.8	13.0	144	4.4	39.9	42
11/17/2009 4:00	0	6.0	13.4	135	5.0	41.0	38
11/17/2009 5:00	3	6.8	15.2	145	5.5	41.9	38
11/17/2009 6:00	3	6.3	14.1	152	5.8	42.4	36
11/17/2009 7:00	9	6.3	14.1	161	5.7	42.3	36
11/17/2009 8:00	-1	6.4	14.3	154	6.3	43.3	35
11/17/2009 9:00	10	5.2	11.6	162	6.6	43.9	35
11/17/2009 10:00	8	4.9	11.0	165	7.7	45.9	33
11/17/2009 11:00	9	4.9	11.0	169	10.2	50.4	26
11/17/2009 12:00	10	5.1	11.4	171	11.5	52.7	24
11/17/2009 13:00	4	5.6	12.5	184	12.3	54.1	23
11/17/2009 14:00	8	5.5	12.3	189	12.0	53.6	24
11/17/2009 15:00	9	5.2	11.6	162	12.0	53.6	26
11/17/2009 16:00	-1	5.6	12.5	151	11.7	53.1	27
11/17/2009 17:00	2	5.1	11.4	151	10.1	50.2	31
11/17/2009 18:00	-3	3.3	7.4	184	8.3	46.9	36
11/17/2009 19:00	0	3.4	7.6	180	7.8	46.0	39
11/17/2009 20:00	-1	3.7	8.3	201	7.0	44.6	40
11/17/2009 21:00	3	4.0	8.9	188	7.3	45.1	37
11/17/2009 22:00	2	3.2	7.2	185	6.8	44.2	37
11/17/2009 23:00	4	3.2	7.2	189	5.6	42.1	41
11/18/2009 0:00	-1	3.1	6.9	201	4.9	40.8	42
11/18/2009 1:00	2	2.5	5.6	185	4.9	40.8	42
11/18/2009 2:00	-1	2.0	4.5	199	1.8	35.2	53
11/18/2009 3:00	7	2.2	4.9	202	1.6	34.9	54
11/18/2009 4:00	5	0.9	2.0	346	0.5	32.9	57
11/18/2009 5:00	-5	0.6	1.3	79	-2.9	26.8	69
11/18/2009 6:00	12	0.8	1.8	165	-2.6	27.3	72
11/18/2009 7:00	6	0.8	1.8	180	-1.7	28.9	73
11/18/2009 8:00	3	0.8	1.8	0	-2.9	26.8	75
11/18/2009 9:00	4	1.2	2.7	331	-0.8	30.6	76
11/18/2009 10:00	-5	2.2	4.9	32	1.0	33.8	71
11/18/2009 11:00	17	2.0	4.5	32	0.6	33.1	72
11/18/2009 12:00	-4	1.8	4.0	37	1.2	34.2	65
11/18/2009 13:00	4	1.6	3.6	26	2.3	36.1	61
11/18/2009 14:00	0	1.6	3.6	25	3.1	37.6	58

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/18/2009 15:00	8	1.4	3.1	23	3.7	38.7	54
11/18/2009 16:00	-5	1.3	2.9	4	2.0	35.6	59
11/18/2009 17:00	-2	1.3	2.9	32	1.1	34.0	59
11/18/2009 18:00	8	1.0	2.2	15	-0.3	31.5	62
11/18/2009 19:00	-5	0.8	1.8	325	-2.7	27.1	68
11/18/2009 20:00	4	0.9	2.0	252	-6.1	21.0	79
11/18/2009 21:00	2	0.5	1.1	231	-6.4	20.5	85
11/18/2009 22:00	-1	0.7	1.6	217	-7.3	18.9	85
11/18/2009 23:00	12	0.9	2.0	188	-7.5	18.5	87
11/19/2009 0:00	-3	1.1	2.5	185	-7.8	18.0	84
11/19/2009 1:00	3	1.4	3.1	176	-7.5	18.5	83
11/19/2009 2:00	10	1.5	3.4	215	-7.2	19.0	82
11/19/2009 3:00	13	0.8	1.8	222	-7.2	19.0	82
11/19/2009 4:00	-2	0.7	1.6	231	-7.3	18.9	82
11/19/2009 5:00	-5	2.1	4.7	204	-6.0	21.2	79
11/19/2009 6:00	-5	2.2	4.9	218	-5.0	23.0	76
11/19/2009 7:00	5	2.0	4.5	198	-3.8	25.2	72
11/19/2009 8:00	-1	2.1	4.7	194	-2.4	27.7	67
11/19/2009 9:00	12	2.8	6.3	187	0.0	32.0	56
11/19/2009 10:00	11	4.2	9.4	160	2.6	36.7	47
11/19/2009 11:00	9	4.3	9.6	160	4.5	40.1	40
11/19/2009 12:00	9	4.8	10.7	175	6.1	43.0	33
11/19/2009 13:00	-3	5.1	11.4	184	6.0	42.8	31
11/19/2009 14:00	-3	4.6	10.3	187	6.9	44.4	31
11/19/2009 15:00	18	4.6	10.3	183	8.3	46.9	28
11/19/2009 16:00	5	4.1	9.2	187	8.0	46.4	32
11/19/2009 17:00	0	3.2	7.2	173	6.4	43.5	36
11/19/2009 18:00	-5	2	4.5	181	4.5	40.1	42
11/19/2009 19:00	0	2.6	5.8	184	4.3	39.7	44
11/19/2009 20:00	2	3.4	7.6	168	3.9	39.0	48
11/19/2009 21:00	2	3.6	8.1	164	4.2	39.6	47
11/19/2009 22:00	1	3.7	8.3	163	3.9	39.0	47
11/19/2009 23:00	4	4.1	9.2	153	4.1	39.4	48
11/20/2009 0:00	5	4.1	9.2	150	4.9	40.8	44
11/20/2009 1:00	0	3.6	8.1	161	4.5	40.1	45
11/20/2009 2:00	1	3.5	7.8	161	3.9	39.0	47
11/20/2009 3:00	0	3.0	6.7	166	3.6	38.5	47
11/20/2009 4:00	0	3.8	8.5	144	3.9	39.0	45
11/20/2009 5:00	1	4.4	9.8	145	4.0	39.2	44
11/20/2009 6:00	-4	4.6	10.3	149	4.4	39.9	41
11/20/2009 7:00	5	5.9	13.2	151	4.8	40.6	39
11/20/2009 8:00	13	7.8	17.4	152	5.0	41.0	37
11/20/2009 9:00	8	5.0	11.2	180	4.9	40.8	34
11/20/2009 10:00	3	4.7	10.5	173	5.9	42.6	31
11/20/2009 11:00	2	4.7	10.5	162	7.5	45.5	26
11/20/2009 12:00	0	4.7	10.5	154	8.8	47.8	22
11/20/2009 13:00	8	4.3	9.6	163	9.7	49.5	20
11/20/2009 14:00	3	4.6	10.3	160	9.6	49.3	21
11/20/2009 15:00	3	5.1	11.4	150	8.8	47.8	25
11/20/2009 16:00	1	4.7	10.5	150	8.4	47.1	26
11/20/2009 17:00	-1	5.0	11.2	149	7.8	46.0	27
11/20/2009 18:00	4	4.8	10.7	143	7.0	44.6	29
11/20/2009 19:00	8	4.4	9.8	147	6.6	43.9	30
11/20/2009 20:00	3	3.8	8.5	145	5.9	42.6	32
11/20/2009 21:00	4	1.0	2.2	48	3.9	39.0	35
11/20/2009 22:00	4	1.8	4.0	174	3.9	39.0	36
11/20/2009 23:00	10	1.9	4.3	182	3.9	39.0	37
11/21/2009 0:00	7	2.9	6.5	162	5.1	41.2	35
11/21/2009 1:00	36	3.7	8.3	209	5.3	41.5	39
11/21/2009 2:00	3	3.3	7.4	195	2.6	36.7	62
11/21/2009 3:00	9	3.8	8.5	196	1.7	35.1	73
11/21/2009 4:00	-4	0.9	2.0	231	-0.1	31.8	84
11/21/2009 5:00	20	1.4	3.1	133	-0.3	31.5	80
11/21/2009 6:00	-5	2.7	6.0	237	0.0	32.0	67
11/21/2009 7:00	4	2.8	6.3	237	-0.5	31.1	62
11/21/2009 8:00	-3	2.8	6.3	262	-1.5	29.3	62
11/21/2009 9:00	3	2.8	6.3	270	-0.9	30.4	64
11/21/2009 10:00	1	3.4	7.6	242	0.6	33.1	60
11/21/2009 11:00	4	3.5	7.8	268	1.2	34.2	56
11/21/2009 12:00	-5	3.4	7.6	264	0.8	33.4	50
11/21/2009 13:00	-5	3.7	8.3	255	1.4	34.5	45
11/21/2009 14:00	11	5.3	11.9	265	1.4	34.5	38
11/21/2009 15:00	5	4.8	10.7	253	1.6	34.9	36
11/21/2009 16:00	0	3.6	8.1	260	1.1	34.0	35
11/21/2009 17:00	1	2.2	4.9	237	-0.8	30.6	38
11/21/2009 18:00	3	2.7	6.0	232	-2.7	27.1	44
11/21/2009 19:00	-1	1.8	4.0	230	-4.4	24.1	50
11/21/2009 20:00	1	1.5	3.4	197	-5.7	21.7	56
11/21/2009 21:00	4	2.1	4.7	191	-5.7	21.7	57
11/21/2009 22:00	-5	2.2	4.9	192	-5.8	21.6	57
11/21/2009 23:00	-1	2.1	4.7	168	-6.0	21.2	56
11/22/2009 0:00	5	3.5	7.8	186	-4.9	23.2	53
11/22/2009 1:00	-5	3.5	7.8	184	-4.4	24.1	50
11/22/2009 2:00	4	2.6	5.8	183	-4.6	23.7	50
11/22/2009 3:00	-3	1.9	4.3	203	-5.5	22.1	54

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/22/2009 4:00	3	2.0	4.5	201	-5.9	21.4	55
11/22/2009 5:00	-5	2.9	6.5	166	-5.2	22.6	52
11/22/2009 6:00	2	4.4	9.8	161	-4.9	23.2	50
11/22/2009 7:00	-2	4.1	9.2	167	-4.4	24.1	47
11/22/2009 8:00	4	4.7	10.5	156	-2.8	27.0	46
11/22/2009 9:00	17	4.3	9.6	174	-4.1	24.6	63
11/22/2009 10:00	-3	4.2	9.4	170	-2.9	26.8	57
11/22/2009 11:00	5	5.1	11.4	160	-1.8	28.8	54
11/22/2009 12:00	13	4.6	10.3	152	-2.0	28.4	63
11/22/2009 13:00	5	3.6	8.1	161	-1.2	29.8	60
11/22/2009 14:00	1	3.8	8.5	168	-0.2	31.6	55
11/22/2009 15:00	2	4.0	8.9	174	0.5	31.1	56
11/22/2009 16:00	-5	3.6	8.1	178	-0.3	31.5	57
11/22/2009 17:00	12	3.0	6.7	193	-0.6	30.9	57
11/22/2009 18:00	-5	2.8	6.3	184	-2.1	28.2	63
11/22/2009 19:00	-5	2.4	5.4	186	-2.3	27.9	67
11/22/2009 20:00	22	2.1	4.7	200	-2.9	26.8	76
11/22/2009 21:00	-5	2.2	4.9	193	-3.6	25.5	72
11/22/2009 22:00	5	1.7	3.8	168	-3.3	26.1	70
11/22/2009 23:00	-3	1.6	3.6	178	-2.3	27.9	64
11/23/2009 0:00	10	2.2	4.9	189	-1.4	29.5	60
11/23/2009 1:00	3	3.0	6.7	223	-0.9	30.4	62
11/23/2009 2:00	-2	3.7	8.3	234	-0.6	30.9	60
11/23/2009 3:00	-2	3.4	7.6	235	-0.7	30.7	61
11/23/2009 4:00	4	3.5	7.8	239	-0.8	30.6	62
11/23/2009 5:00	-5	3.3	7.4	251	-0.5	31.1	58
11/23/2009 6:00	0	3.3	7.4	262	-0.3	31.5	58
11/23/2009 7:00	0	3.3	7.4	256	-0.6	30.9	59
11/23/2009 8:00	-4	3.0	6.7	252	-0.4	31.3	58
11/23/2009 9:00	0	3.8	8.5	240	-0.1	31.8	56
11/23/2009 10:00	2	4.4	9.8	254	0.3	32.5	53
11/23/2009 11:00	55	5.4	12.1	261	1.4	34.5	47
11/23/2009 12:00	-5	4.9	11.0	258	1.7	35.1	46
11/23/2009 13:00	-5	4.6	10.3	267	2.6	36.7	43
11/23/2009 14:00	BA	4.7	10.5	265	3.2	37.8	39
11/23/2009 15:00	3	4.2	9.4	264	2.6	36.7	41
11/23/2009 16:00	-1	3.2	7.2	273	1.6	34.9	45
11/23/2009 17:00	-1	2.4	5.4	269	0.0	32.0	50
11/23/2009 18:00	2	1.3	2.9	214	-2.4	27.7	60
11/23/2009 19:00	0	1.7	3.8	203	-2.6	27.3	63
11/23/2009 20:00	-5	1.2	2.7	188	-4.7	23.5	70
11/23/2009 21:00	10	0.8	1.8	197	-6.7	19.9	77
11/23/2009 22:00	-5	1	2.2	339	-6.9	19.6	79
11/23/2009 23:00	-1	1.0	2.2	30	-7.5	18.5	79
11/24/2009 0:00	1	0.9	2.0	3	-6.8	19.8	78
11/24/2009 1:00	-3	0.8	1.8	89	-5.3	22.5	74
11/24/2009 2:00	15	1.6	3.6	221	-4.2	24.4	70
11/24/2009 3:00	4	1.4	3.1	196	-3.2	26.2	67
11/24/2009 4:00	7	3.2	7.2	177	-0.5	31.1	59
11/24/2009 5:00	10	3.5	7.8	194	-1.1	30.0	60
11/24/2009 6:00	-5	3.4	7.6	168	-1.5	29.3	62
11/24/2009 7:00	8	3.4	7.6	165	-1.7	28.9	62
11/24/2009 8:00	5	3.4	7.6	177	-1.1	30.0	61
11/24/2009 9:00	6	3.4	7.6	188	0.0	32.0	58
11/24/2009 10:00	4	3.9	8.7	172	0.5	32.9	56
11/24/2009 11:00	0	4.7	10.5	183	2.5	36.5	52
11/24/2009 12:00	9	4.7	10.5	189	3.6	38.5	49
11/24/2009 13:00	6	3.8	8.5	202	4.7	40.5	47
11/24/2009 14:00	9	3.3	7.4	218	5.0	41.0	48
11/24/2009 15:00	2	1.9	4.3	247	5.7	42.3	47
11/24/2009 16:00	10	2.8	6.3	207	5.3	41.5	50
11/24/2009 17:00	0	1.5	3.4	7	1.8	35.2	62
11/24/2009 18:00	1	1.0	2.2	337	1.3	34.3	66
11/24/2009 19:00	7	0.8	1.8	310	0.7	33.3	70
11/24/2009 20:00	12	1	2.2	335	0.1	32.2	74
11/24/2009 21:00	-5	0.5	1.1	105	-0.6	30.9	77
11/24/2009 22:00	11	0.7	1.6	326	-3.0	26.6	84
11/24/2009 23:00	-5	1.1	2.5	192	-3.7	25.3	87
11/25/2009 0:00	-3	0.8	1.8	355	-4.3	24.3	86
11/25/2009 1:00	5	0.7	1.6	133	-4.6	23.7	88
11/25/2009 2:00	-1	0.7	1.6	224	-5.8	21.6	89
11/25/2009 3:00	18	0.9	2.0	343	-5.0	23.0	88
11/25/2009 4:00	-5	0.8	1.8	237	-6.8	19.8	87
11/25/2009 5:00	6	1.6	3.6	182	-4.1	24.6	86
11/25/2009 6:00	11	2.9	6.5	192	0.0	32.0	78
11/25/2009 7:00	-3	1.0	2.2	321	-4.9	23.2	84
11/25/2009 8:00	4	0.4	0.9	203	-7.4	18.7	88
11/25/2009 9:00	-5	0.7	1.6	22	-6.3	20.7	87
11/25/2009 10:00	24	0.8	1.8	155	-0.6	30.9	72
11/25/2009 11:00	7	0.9	2.0	50	2.9	37.2	63
11/25/2009 12:00	8	1.9	4.3	156	6.8	44.2	54
11/25/2009 13:00	-5	3.6	8.1	184	9.4	48.9	47
11/25/2009 14:00	1	3.9	8.7	190	10.2	50.4	44
11/25/2009 15:00	13	3.8	8.5	204	10.5	50.9	44
11/25/2009 16:00	-5	4.2	9.4	199	9.5	49.1	48
11/25/2009 17:00	3	4.1	9.2	200	8.7	47.7	50

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/25/2009 18:00	-1	2.5	5.6	216	6.7	44.1	56
11/25/2009 19:00	-1	1.7	3.8	250	4.6	40.3	63
11/25/2009 20:00	2	1.6	3.6	177	4.7	40.5	62
11/25/2009 21:00	-1	2.9	6.5	189	5.3	41.5	60
11/25/2009 22:00	-4	2.6	5.8	183	2.9	37.2	66
11/25/2009 23:00	6	2.6	5.8	174	3.2	37.8	65
11/26/2009 0:00	3	2.5	5.6	171	3.9	39.0	62
11/26/2009 1:00	-5	2.8	6.3	171	4.5	40.1	60
11/26/2009 2:00	2	3.0	6.7	177	4.0	39.2	61
11/26/2009 3:00	-2	3.8	8.5	174	3.5	38.3	61
11/26/2009 4:00	-1	3.6	8.1	171	2.8	37.0	62
11/26/2009 5:00	0	3.5	7.8	169	4.2	39.6	57
11/26/2009 6:00	-4	3.5	7.8	173	5.6	42.1	52
11/26/2009 7:00	5	3.3	7.4	184	5.4	41.7	51
11/26/2009 8:00	-2	3.7	8.3	193	5.4	41.7	50
11/26/2009 9:00	0	3.5	7.8	184	6.3	43.3	45
11/26/2009 10:00	0	3.3	7.4	180	6.4	43.5	44
11/26/2009 11:00	7	3.3	7.4	179	6.9	44.4	41
11/26/2009 12:00	11	4.5	10.1	192	10.0	50.0	32
11/26/2009 13:00	0	4.5	10.1	180	11.9	53.4	27
11/26/2009 14:00	-3	4.4	9.8	186	12.0	53.6	27
11/26/2009 15:00	9	4.5	10.1	187	12.2	54.0	26
11/26/2009 16:00	-4	3.6	8.1	184	11.8	53.2	27
11/26/2009 17:00	8	1.8	4.0	186	9.2	48.6	33
11/26/2009 18:00	-3	2.2	4.9	192	6.9	44.4	39
11/26/2009 19:00	-1	2.8	6.3	206	6.2	43.2	43
11/26/2009 20:00	7	1.9	4.3	225	4.7	40.5	48
11/26/2009 21:00	-3	2.4	5.4	198	4.3	39.7	51
11/26/2009 22:00	2	2.1	4.7	221	3.1	37.6	55
11/26/2009 23:00	3	2.6	5.8	212	3.5	38.3	53
11/27/2009 0:00	3	2.8	6.3	206	4.2	39.6	49
11/27/2009 1:00	6	2.9	6.5	194	5	41.0	46
11/27/2009 2:00	-1	2.6	5.8	208	2.8	37.0	52
11/27/2009 3:00	0	2.0	4.5	202	1.8	35.2	55
11/27/2009 4:00	-4	2.1	4.7	192	2.2	36.0	54
11/27/2009 5:00	9	1.7	3.8	233	2.4	36.3	53
11/27/2009 6:00	-5	2.1	4.7	197	2.8	37.0	51
11/27/2009 7:00	-4	2.5	5.6	180	4.5	40.1	45
11/27/2009 8:00	8	3.6	8.1	186	6.5	43.7	39
11/27/2009 9:00	0	3.4	7.6	179	6.9	44.4	44
11/27/2009 10:00	5	2.7	6.0	183	6.8	44.2	43
11/27/2009 11:00	-3	2.6	5.8	192	7.3	45.1	42
11/27/2009 12:00	BA	BA	BA	BA	BA	BA	BA
11/27/2009 13:00	BA	2.5	5.6	21	4.4	39.9	54
11/27/2009 14:00	13	1.6	3.6	12	4.8	40.6	62
11/27/2009 15:00	3	1.9	4.3	324	5.6	42.1	64
11/27/2009 16:00	1	1.5	3.4	345	4.8	40.6	71
11/27/2009 17:00	-5	1.5	3.4	345	3.8	38.8	76
11/27/2009 18:00	14	1.1	2.5	2	3.0	37.4	82
11/27/2009 19:00	-5	1.2	2.7	359	1.8	35.2	86
11/27/2009 20:00	-1	1.2	2.7	337	0.6	33.1	88
11/27/2009 21:00	11	1.0	2.2	2	1.0	33.8	88
11/27/2009 22:00	-5	0.9	2.0	1	0.9	33.6	86
11/27/2009 23:00	16	0.7	1.6	16	0.8	33.4	83
11/28/2009 0:00	3	0.9	2.0	6	0.0	32.0	80
11/28/2009 1:00	-2	1	2.2	25	0.2	32.4	74
11/28/2009 2:00	-5	1.3	2.9	42	-0.1	31.8	70
11/28/2009 3:00	-1	1.6	3.6	55	-0.2	31.6	72
11/28/2009 4:00	-1	1.4	3.1	51	-1.0	30.2	73
11/28/2009 5:00	-5	1.1	2.5	49	-2.5	27.5	73
11/28/2009 6:00	-5	1.0	2.2	314	-4.8	23.4	78
11/28/2009 7:00	19	1.0	2.2	270	-7.7	18.1	83
11/28/2009 8:00	-5	0.7	1.6	276	-10.1	13.8	85
11/28/2009 9:00	23	0.6	1.3	235	-8.3	17.1	84
11/28/2009 10:00	-5	1.0	2.2	150	-3.2	26.2	71
11/28/2009 11:00	3	0.9	2.0	357	-0.6	30.9	59
11/28/2009 12:00	5	1.0	2.2	64	0.7	33.3	54
11/28/2009 13:00	-3	1.3	2.9	118	1.9	35.4	48
11/28/2009 14:00	-5	1.3	2.9	12	1.8	35.2	50
11/28/2009 15:00	11	1.3	2.9	18	3.2	37.8	44
11/28/2009 16:00	8	1.4	3.1	1	3.0	37.4	44
11/28/2009 17:00	1	1.0	2.2	342	0.3	32.5	53
11/28/2009 18:00	-2	0.8	1.8	310	-3.9	25.0	66
11/28/2009 19:00	2	1.0	2.2	333	-4.9	23.2	69
11/28/2009 20:00	9	1.0	2.2	20	-4.8	23.4	70
11/28/2009 21:00	16	0.8	1.8	201	-5.5	22.1	74
11/28/2009 22:00	-2	0.6	1.3	85	-5.7	21.7	77
11/28/2009 23:00	4	0.5	1.1	315	-5.1	22.8	78
11/29/2009 0:00	4	0.6	1.3	273	-4.7	23.5	79
11/29/2009 1:00	-3	0.6	1.3	207	-3.8	25.2	76
11/29/2009 2:00	4	0.7	1.6	128	-3.4	25.9	76
11/29/2009 3:00	11	0.5	1.1	41	-2.8	27.0	75
11/29/2009 4:00	7	0.6	1.3	299	-3.1	26.4	76
11/29/2009 5:00	7	0.7	1.6	330	-3.5	25.7	77
11/29/2009 6:00	-1	0.6	1.3	289	-4.1	24.6	78

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/29/2009 7:00	0	0.8	1.8	284	-5.1	22.8	82
11/29/2009 8:00	1	0.9	2.0	15	-4.7	23.5	80
11/29/2009 9:00	9	0.6	1.3	189	-5.5	22.1	84
11/29/2009 10:00	18	1.2	2.7	343	-2.6	27.3	78
11/29/2009 11:00	-2	0.7	1.6	101	-0.1	31.8	69
11/29/2009 12:00	-3	0.8	1.8	340	3.2	37.8	55
11/29/2009 13:00	12	1.2	2.7	243	6.6	43.9	45
11/29/2009 14:00	-5	1.2	2.7	323	5.8	42.4	49
11/29/2009 15:00	-5	2.8	6.3	269	5.4	41.7	54
11/29/2009 16:00	-5	3.5	7.8	252	5.2	41.4	56
11/29/2009 17:00	1	2.6	5.8	264	4.3	39.7	58
11/29/2009 18:00	17	1.0	2.2	348	1.6	34.9	69
11/29/2009 19:00	-5	1.3	2.9	292	0.9	33.6	72
11/29/2009 20:00	7	1.0	2.2	323	-0.4	31.3	76
11/29/2009 21:00	-3	0.6	1.3	112	-1.3	29.7	79
11/29/2009 22:00	5	0.9	2.0	304	-2.4	27.7	82
11/29/2009 23:00	-2	1.0	2.2	255	-3.3	26.1	84
11/30/2009 0:00	8	0.8	1.8	198	-4.7	23.5	87
11/30/2009 1:00	-2	1.6	3.6	233	-3.4	25.9	82
11/30/2009 2:00	3	3.4	7.6	205	0.7	33.3	70
11/30/2009 3:00	-5	1.3	2.9	22	-2.0	28.4	75
11/30/2009 4:00	-2	0.8	1.8	17	-6.3	20.7	86
11/30/2009 5:00	-1	1.2	2.7	185	-5.9	21.4	86
11/30/2009 6:00	-4	1.6	3.6	171	-3.6	25.5	79
11/30/2009 7:00	-1	3	6.7	188	-2.8	27.0	76
11/30/2009 8:00	9	3.3	7.4	181	-2.5	27.5	74
11/30/2009 9:00	2	3.8	8.5	174	-1.9	28.6	70
11/30/2009 10:00	2	4.1	9.2	169	2.2	36.0	58
11/30/2009 11:00	6	4.4	9.8	174	5.0	41.0	47
11/30/2009 12:00	0	5.9	13.2	198	6.6	43.9	40
11/30/2009 13:00	11	4.6	10.3	185	6.9	44.4	37
11/30/2009 14:00	2	4.7	10.5	192	8.6	47.5	32
11/30/2009 15:00	BA	BA	BA	BA	9.0	48.2	32
11/30/2009 16:00	11	4.0	8.9	180	8.8	47.8	32
11/30/2009 17:00	1	3.3	7.4	164	6.3	43.3	38
11/30/2009 18:00	3	3.3	7.4	157	4.8	40.6	43
11/30/2009 19:00	4	2.0	4.5	154	4.0	39.2	44
11/30/2009 20:00	-3	1.4	3.1	167	3.6	38.5	42
11/30/2009 21:00	2	2.6	5.8	255	5.6	42.1	36
11/30/2009 22:00	4	1.6	3.6	157	4.1	39.4	41
11/30/2009 23:00	0	1.9	4.3	213	4.5	40.1	42
12/1/2009 0:00	-4	1.3	2.9	23	2.8	37.0	58

AM = Miscellaneous void

AN = Instrument malfunction

BA = Routine maintenance / repairs